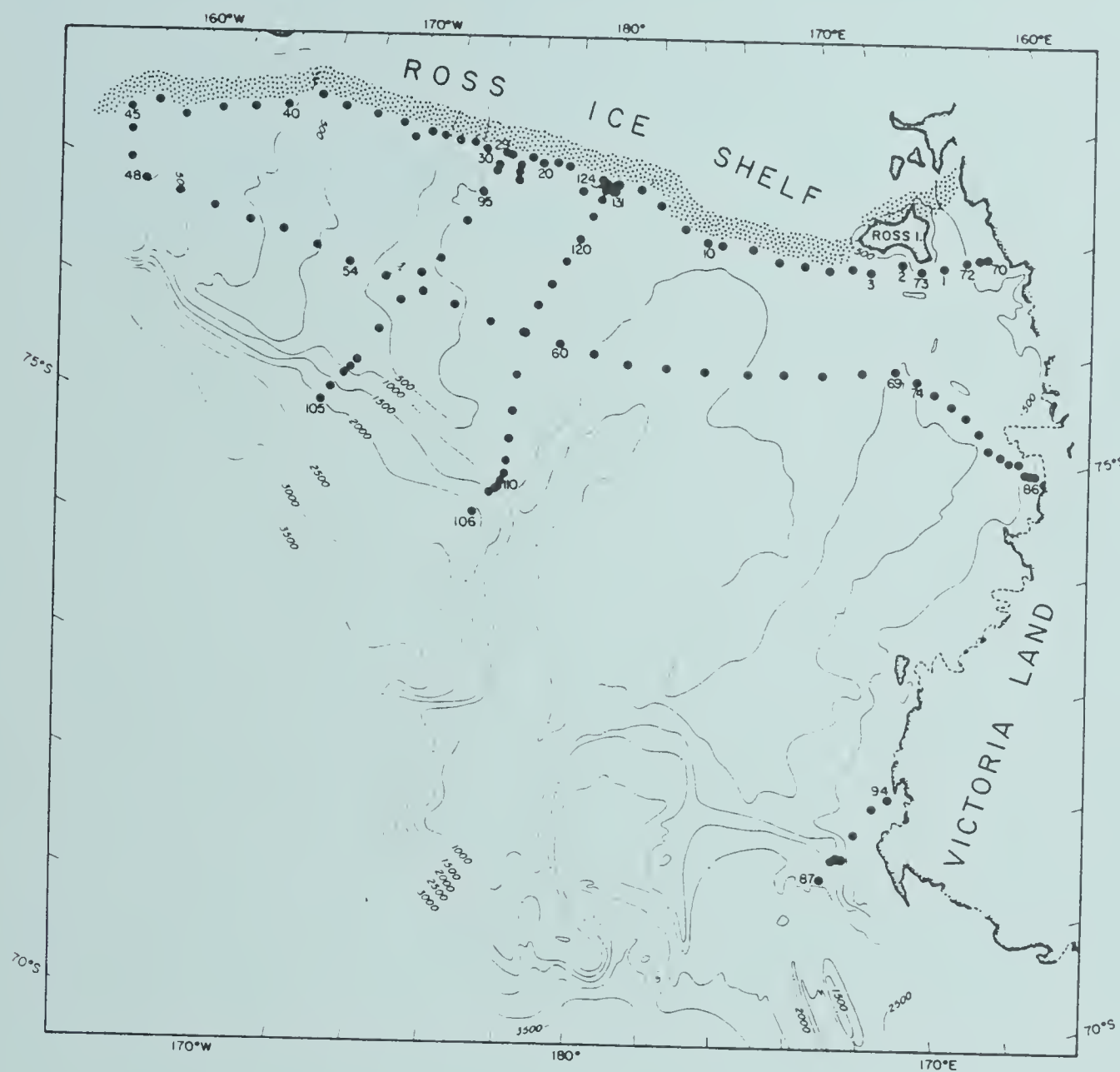


FILE COPY
Folder 4
Drawn 10/98

Ross Sea Oceanographic Data, 1983-1987



Lamont-Doherty Geological Observatory
of Columbia University
Palisades, New York



1989



Digitized by the Internet Archive
in 2020 with funding from
Columbia University Libraries

<https://archive.org/details/rossseaocceanogra00unse>

Ross Sea Oceanographic Data, 1983-1987

USCGC GLACIER, January-February 1983
USCGC POLAR SEA, January-February 1984
USCGC POLAR STAR, February 1985
USCGC POLAR SEA, February 1987

Stanley S. Jacobs
William E. Haines
J. L. Ardai, Jr.
Philip A. Mele

LDGO-89-5
Lamont-Doherty Geological Observatory
of Columbia University
Palisades, New York 10964

Sponsored by the
National Science Foundation
and the
Department of Energy



Contents

1. Project Summary
 - 1.1 Station Positions and Sampling
2. Data Collection and Reduction
 - 2.1 CTD Stations
 - 2.2 Chemistry
 - 2.3 XBT Casts
3. Acknowledgments
4. References
5. Data Formats
 - 5.1 CTD Stations
 - 5.2 Bottle Data
 - 5.3 XBT Plots
6. Vertical Sections, Polar Sea 1984
Temperature and Salinity
7. Glacier 1983
 - 7.1 CTD Stations
 - 7.2 XBT Casts
8. Polar Sea 1984
 - 8.1 CTD Stations and Chemical Data
 - 8.2 XBT Casts
9. Polar Star 1985
 - 9.1 CTD Stations and Chemical Data
 - 9.2 XBT Casts
10. Polar Sea 1987
 - 10.1 XBT Casts



1. Project Summary

This report includes oceanographic data collected in the Ross Sea from the U.S. Coast Guard icebreakers GLACIER (GL 83), POLAR SEA (PS 84 and PS 87), and POLAR STAR (ST 85) from January 1983 through February 1987. The observations included continuous vertical profiles of temperature and salinity vs. depth (CTD data), temperature vs. depth (XBT data), and serial measurements of salinity, dissolved oxygen, silicate, phosphate, nitrate, chlorofluorocarbons, carbon dioxide and alkalinity. Most data were taken as part of the Ross Sea Heat Flux Experiment, a collaborative effort between investigators from Lamont Observatory, Oregon State University, the NOAA Geophysical Fluid Dynamics Laboratory, and the Institute of Ocean Sciences in British Columbia. The scientific objective of this program has been to better understand the ocean circulation on the Ross Sea continental shelf in relation to the sea ice, glacial ice and deep ocean ventilation. The project was supported by the National Science Foundation Division of Polar Programs, with assistance from the Department of Energy.

Accounts of the shipboard programs have appeared in Pillsbury et al., 1983; Jacobs et al., 1984; and Pillsbury and Jacobs, 1985b. Initial field work was undertaken through the sea ice in McMurdo Sound in October-November, 1982 (Lewis and Perkin, 1985, 1986). Year-long current and temperature measurements from bottom-moored arrays near the Ross Ice Shelf during 1983 and 1984 have been discussed by Pillsbury and Jacobs, 1985a; Dunbar et al., 1985; Grumbine, 1987; Visser and Jacobs, 1987; Jacobs, 1989; and Jacobs and Comiso, 1989). Reports and analyses of the hydrographic and related data sets have also appeared in Jacobs, 1985, 1986, 1988; Jacobs et al., 1985; Keys et al., 1990; MacAyeal, 1985a, 1985b; Takahashi et al., 1985; Trumbore et al., 1990. The oceanographic data have been assigned National Oceanographic Data Center ID # 89000108.

A parallel biological study on POLAR STAR resulted in a report by Biggs et al. (1985), whose program was responsible for the silicate, nitrate and oxygen data accompanying the ST 85 CTD stations. Similarly, XBT casts included here as SN 102-141 are part of a larger Glacier 1983 hydrographic data set analyzed by Nelson and Smith (1986). Lamont personnel worked with other groups on

Automatic Weather Station (AWS) installations and servicing (University of Wisconsin; see Savage et al., 1984, e.g.), current meter deployment and recovery (Oregon State University), sediment trapping, bottom sampling and bathymetric recordings (Rice University; see Smith and Anderson, 1984). With the assistance of the ships' officers, logs were maintained of range and bearing to the Ross Ice Shelf and other coastal features (see Jacobs et al., 1986; Jacobs, 1987).

1.1 Station Positions and Sampling

The table beginning on the next page gives the coordinates, date, time, and bottom depth for each CTD station. DB indicates the pinger height above bottom of the deepest measurement on each cast, and xxB the number of sample bottles on that station. Where chemical measurements were made, codes appear for dissolved oxygen (O), nitrate (N), phosphate (P), silicate (S), carbon dioxide (CO₂), and chlorofluorocarbons (CFC).

2. Data Collection and Reduction

2.1 CTD Stations

Conductivity-temperature-depth (CTD) data were taken on PS 84 and ST 85 with a Neil Brown Mk III system, recording on audio cassettes in a TEAC tape deck, with real time plots on a YEW xx-y recorder. Temperature and depth standardizations were provided by reversing thermometers calibrated at the Northwest Regional Calibration Center, and salinity standards by means of the water sampling and analysis described below. Bottles were not used on all stations, but all PS 84 CTD data received a slope correction of 0.001 psu/100 dbar. Bias corrections ranging from 0.0036 to 0.0141 psu were applied to various-sized (1-64) station groupings on PS 84. Large spikes were removed manually, smaller ones by limiting density inversions to 0.004, and the data were smoothed and decimated to 1 dbar levels.

Most data were processed from tape, with the 'down and up traces' recorded during descent and ascent of the underwater 'fish'. Since the CTD travels below the larger rosette package and rosette bottles are 'tripped' during ascent, the uptrace can be subject to drift or offset not fully accounted for in the data

Geochemical Data										Geochemical Data									
Crus	Stn	Latitud	Longitud	Yr-Mo-Da	GMT	Dpth	DB	Geochemical Data	Crus	Stn	Latitud	Longitud	Yr-Mo-Da	GMT	Dpth	DB	Geochemical Data		
GL83	G1	-77.177	169.105	83/02/03	0445	930			PS84	33	-78.245	-171.880	84/01/26	2116	514	10			
	G2	-77.245	170.245	83/02/03	0651	820				34	-78.250	-171.182	84/01/26	2329	552	3			
	G4	-77.423	174.257	83/02/03	0712	689				35	-78.163	-170.460	84/01/27	0503	563	8	12B O N P S		
	G6	-77.820	177.943	83/02/03	0723	750				36	-78.268	-169.833	84/01/27	0841	552	3			
	G7	-77.992	179.580	83/02/03	0728	658				37	-78.287	-168.508	84/01/27	1108	580	3			
	G8	-78.112	-178.618	83/02/03	0733	701				38	-78.293	-167.055	84/01/27	1425	542		12B O N P S CFC		
	G9	-78.168	-176.276	83/02/03	0737	558				39	-78.328	-165.805	84/01/27	1802	494	3			
	G10	-78.193	-174.588	83/02/03	0746	532				40	-78.133	-164.487	84/01/27	2050	547	5			
	G11	-78.250	-172.233	83/02/03	0752	412				41	-78.005	-163.150	84/01/28	0003	663	10	12B O N P S CFC		
	G12	-78.128	-175.450	83/02/03	0756	550				42	-77.887	-161.805	84/01/28	0346	675	3			
	G13	-78.182	-174.523	83/02/03	0802	530				43	-77.698	-160.450	84/01/28	0717	617	8	12B O		
	G14	-78.230	-172.472	83/02/03	0814	420				44	-77.717	-159.130	84/01/28	1123	299	3			
	G15	-78.270	-170.123	83/02/03	0819	543				45	-77.563	-158.153	84/01/28	1331	155				
	G16	-78.320	-166.843	83/02/03	0823	567				46	-77.337	-158.845	84/01/28	1537	584	8	12B O N P S CFC		
	G17	-78.475	-164.183	83/02/03	0827	585				47	-77.132	-159.070	84/01/28	1845	768		12B CFC		
	G18	-77.972	-162.697	83/02/03	0831	548				48	-77.002	-159.980	84/01/28	2126	494	6			
	G19	-77.780	-160.588	83/03/06	1540	658				49	-77.013	-161.500	84/01/29	0008	511	3	12B O		
	G21	-76.960	-155.617	83/03/06	1544	1120				50	-77.002	-163.000	84/01/29	0250	613	3			
	G22	-76.347	-157.785	83/03/06	1549	1400				51	-76.990	-164.593	84/01/29	0530	572	6	12B O CFC		
	G23	-76.418	-157.862	83/03/06	1553	640				52	-76.998	-166.072	84/01/29	0834	415	3			
	G24	-76.467	-157.883	83/03/06	1557	347				53	-76.945	-167.530	84/01/29	1107	471	3			
	PS84	1	-77.068	166.030	84/01/22	0628	872	25			54	-76.878	-169.108	84/01/29	1348	488	3	12B O CFC	
	PS84	2	-77.175	167.800	84/01/22	0949	920	14			55	-76.832	-170.620	84/01/29	1705	448	3		
	PS84	3	-77.137	169.103	84/01/22	1233	946	7			56	-76.773	-172.325	84/01/29	1939	492	8	12B O N P S CO2 CFC	
	PS84	4	-77.198	169.883	84/01/22	1430	861	8			57	-76.700	-173.603	84/01/29	2235	493	3		
	PS84	5	-77.187	170.750	84/01/22	1711	841	6		12B O	58	-76.610	-175.170	84/01/30	0055	580	10		
	PS84	6	-77.257	172.092	84/01/22	2034	749	10			59	-76.545	-176.543	84/01/30	0336	549	7	12B O CFC	
	PS84	7	-77.298	173.000	84/01/22	2310	689	8		11B O N P S	60	-76.488	-177.975	84/01/30	0642	581	3		
	PS84	8	-77.405	173.993	84/01/23	0359	702	3			61	-76.442	-179.462	84/01/30	0924	590	3	12B O N P S CO2	
	PS84	9	-77.470	175.292	84/01/23	0721	744				62	-76.342	179.248	84/01/30	1203	306	6		
	PS84	10	-77.538	176.100	84/01/23	1233	699	3		11B O	63	-76.322	177.667	84/01/30	1425	405	3	12B O	
	PS84	11	-77.613	176.980	84/01/23	1520	730			CO2 CFC	64	-76.260	175.775	84/01/30	1730	437	3		
PS84	12	-77.838	178.000	84/01/23	1820	724		12B O	65	-76.253	174.442	84/01/30	1952	611	3				
PS84	13	-77.977	178.960	84/01/23	2130	647	8		66	-76.215	172.753	84/01/30	2243	606	3	12B			
PS84	14	-77.995	179.945	84/01/24	0001	694	3	12B O	67	-76.198	171.362	84/01/31	0124	613	3				
PS84	15	-78.040	-179.228	84/01/24	0236	737	8	CO2 CFC	68	-76.178	169.908	84/01/31	0400	634	3	12B O CFC			
PS84	16	-77.925	-178.422	84/01/24	0514	735			69	-76.192	168.635	84/01/31	0650	303	8				
PS84	18	-78.160	-177.640	84/01/24	1210	635	3	12B O	70	-77.070	164.140	84/02/02	1320	232	7				
PS84	19	-78.182	-176.982	84/01/24	1427	615	3		71	-77.075	164.675	84/02/02	1427	422	3				
PS84	20	-78.125	-176.367	84/01/24	1615	593	3	11B O N P S	72	-77.080	165.075	84/02/02	1541	614		12B O N P S CFC			
PS84	21	-78.153	-175.962	84/01/24	2040	584	10		73	-77.080	166.988	84/02/02	1919	900	3	12B O CFC			
PS84	22	-78.035	-175.525	84/01/24	2228	564	12	12B O	74	-76.063	167.750	84/02/03	0239	567		12B O			
PS84	23	-77.962	-175.478	84/01/25	0031	564	3		75	-75.927	167.238	84/02/03	0450	600					
PS84	24	-78.103	-175.493	84/01/25	1124	559	3	12B O N P S CO2 CFC	76	-75.767	166.688	84/02/03	0641	541	6	12B O CFC			
PS84	25	-78.187	-175.008	84/01/25	1545	538	3		77	-75.653	166.183	84/02/03	0850	549	3				
PS84	26	-77.802	-173.995	84/01/25	1900	533	3	11B O	78	-75.450	165.927	84/02/03	1120	753	3				
PS84	27	-78.008	-174.432	84/01/25	2127	539	3		79	-75.305	165.583	84/02/03	1320	780	3	12B O N P S			
PS84	28	-78.132	-174.665	84/01/25	2242	546	5		80	-75.213	165.100	84/02/03	1524	969	3				
PS84	29	-78.202	-174.708	84/01/26	0521	550	6		81	-75.163	164.892	84/02/03	1645	1103	3				
PS84	30	-78.200	-173.815	84/01/26	0726	543	3	11B O N P S	82	-75.142	164.590	84/02/03	1820	1182		11B O N P S CO2 CFC			
PS84	31	-78.233	-173.270	84/01/26	0932	490		CFC	83	-75.038	164.467	84/02/03	2212	929	10				
PS84	32	-78.237	-172.525	84/01/26	1423	443	0	11B O	84	-75.002	164.235	84/02/04	0023	945	10				

reduction. Rosette data confirm the existence of short-term or small-scale near-surface variability. Apparent anomalies like the frequent blip near 6m in temperature or salinity on PS 84 stations may have resulted from effects of the ship's draft or discharge, or a fault in the conducting cable.

On GL 83, profiles were made with an Ocean Data Equipment (ODE) model 302 CSTD. This internally-recording equipment was depth-limited by a shallow pressure case and only recorded during descent. Large pressure (-11 dbar) and salinity (-.114 psu) bias corrections were required to standardize the observations, along with extensive editing, smoothing and interpolation across data gaps. Several GL 83 stations were lost due to electrical shorts or related problems during RAM data dumps. On PS 84, no CTD data were recorded for station 17. On ST 85, freezing of the conductivity cell resulted in loss of salinity data from stations 169-173, and in premature termination of the field program.

2.2 Chemistry

Most chemical measurements were made on PS 84, from water samples collected with a 5 liter, 12-bottle rosette system. The rosette cage was built at Lamont from a Scripps design, necessitated by the low overhead on the POLAR SEA working deck. The PVC Niskin bottles contained teflon-coated springs. Relatively mild weather and the use of heat lamps on PS 84 minimized on-deck freezing, a common problem near the coastline even during the austral summer. On-deck freezing spoiled several salinity samples on ST 85. Bottles were wire-mounted on GL 83 and used for salinity standardization; those data are not reported separately here.

Salinities were measured on Guildline Autosol Model 8400 laboratory salinometers aboard ship on PS 84 and ST 85, using standard water batches P76, P85, P88 and P97. GL 83 salinity samples were processed at Lamont after the cruise. Duplicate samples from 44 bottles on PS 84 differed by an average of 0.0024 psu, $s=0.0026$, with 6 sample pairs accounting for half that difference and deviation.

Oxygen titrations on PS 84 and ST 85 were done via the Carpenter-modified Winkler method. Duplicate samples from 24 bottles on PS 84 differed by 0.026

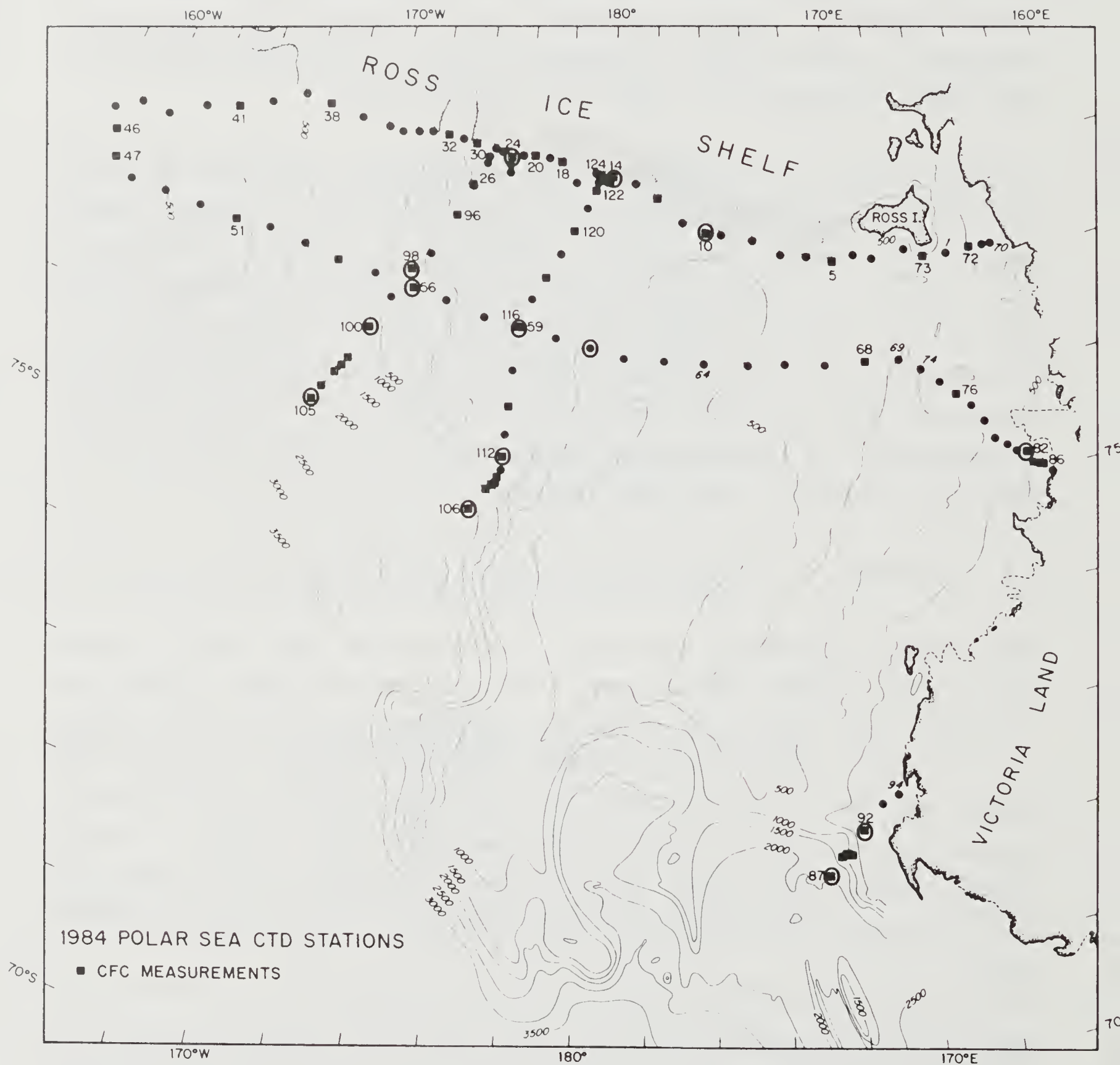


Fig. 1. Locations of CTD stations occupied from USCGC POLAR SEA in January-February 1984. Chlorofluorocarbon (CFC) measurements were made at the sites marked by solid squares and CO₂ measurements at the sites marked by open circles.

ml/l, $s=0.024$. ST 85 dissolved oxygen determinations were carried out by a joint Texas A&M and University of Texas program.

ST 85 nutrient samples were analyzed aboard ship as noted in Biggs et al. (1985). PS 84 nutrient samples (250ml) were filtered, acidified with 400 μ l of 50% HCL, and processed after the cruise under subcontract to Oregon State University. Five duplicate PS 84 nutrient samples showed negligible differences in silicate, phosphate and nitrate. For stations occupied in the same areas, no significant differences were found between deep silicates processed aboard ship (ST 85) and those preserved and analyzed several months after collection (PS 84).

The chlorofluorocarbon (CFC-11 and CFC-12) measurements reported here were made at selected PS 84 locations (Fig. 1). Sampling and extraction methods are described in Trumbore et al. (1990). Equipment problems and high background CFC levels in the icebreaker laboratory van lowered the data quality and resulted in the loss of sundry samples, particularly those processed for CFC-11. Eight duplicate CFC-12 samples differed by an average of 0.07 pM l^{-1} , or 4.6%. As with salinity, oxygen, and nutrients, duplicate CFC samples were drawn from different bottles closed at the same depth.

PS 84 carbon dioxide (pCO_2 and total CO_2) measurements and total alkalinity calculations were made at the locations indicated in Fig. 1. Methods of data collection and analysis are described in Takahashi et al. (1985).

2.3 XBT Casts

Most of the XBT profiles in this report were initially recorded by means of a Bathysystems digitizer coupled to an HP-85 computer. Software problems on some casts resulted in loss of data due to limiting below -2.0°C , or to random substitution of deeper portions of previous data files. All 1983 and some 1984 and 1985 data were manually digitized from Sippican analog records. Most probes were of the Sippican T-6 or T-4 (450m) variety, but several T-5 (1500m) probes were deployed over the continental slope on PS 84. Casts made in the southwest Ross Sea by a separate program prior to GL 83 are included here with 'SN'

designations. Casts CG 84 102-141 were made by Coast Guard marine science technicians in the central and eastern Ross Sea following our PS 84 cruise.

The XBT data were edited by manually removing obvious spikes, including the top 2-3 m which were equated to the 3-4 m values. The deep ends of casts were eliminated where characteristic spikes and charted depths indicated likely contact with the sea floor. A 5-point running mean was used to smooth the data, followed by decimation to 1m levels. Some noisy profiles have been retained because portions of the casts provide useful information. Bucket samples and temperatures were available on some cruises, but the thermal data differed substantially from XBT surface temperatures and are not reported here (See also Jacobs and Haines, 1982; Patterson and Sievers, 1979/80). No pressure corrections were made to the XBT data.

3. Acknowledgments

The following persons were primarily responsible for the shipboard measurements: J. L. Ardai, Jr. and S. Jacobs (GL 83); J. L. Ardai, Jr., G. Crocker, J. Gallagher, B. Huber, S. Jacobs, D. MacAyeal, G. Mathieu, S. Rennie, and S. Trumbore (PS 84); J. L. Ardai, Jr., J. Szelag and D. Woodroffe (ST 85); J. L. Ardai, Jr., and P. McNutt (PS 87). Coast Guard personnel assisted with all aspects of the field operations. This report is dedicated to M. Alles and the other Coast Guard Marine Science Technicians.

We thank B. Huber, S. Rennie, and S. Sutherland for help with data reduction; A. Amos for dissolved oxygen titrations on ST 85; J. Jennings and M. Sparrow for nutrient analyses of PS 84 samples; T. Manley for loan of an ODE CSTD on GL 83; C. Stearns for Automatic Weather Station equipment installed on the Ross Ice Shelf and Inexpressible Island; D. Pillsbury and C. Stearns for serving as Chief Scientists on ST 85 and PS 87. This work was supported by grants from the National Science Foundation (DPP-81-19863 and DPP-85-12540, S. Jacobs and A. Gordon, P.I.'s), and by a grant from the Department of Energy (DE-ACO2-81-ER60000A&B, T. Takahashi, W. Smethie Jr. and D. Chipman, P.I.'s).

4. References

- Biggs, D. C., J. D. Guffy, D. J. Murphy and M. E. Ondrusek (1985) Nutrients and chlorophyll in the southwest Ross Sea and along the barrier edge of the Ross Ice Shelf, austral summer 1985. Ref. 85-6-T, Dept. of Oceanography, Texas A&M University, College Station, 29 pp.
- Dunbar, R., J. Anderson, E. Domack and S. Jacobs (1985) Oceanographic influences on sedimentation along the Antarctic continental shelf. pp. 291-312 in *Oceanology of the Antarctic Continental Shelf*, Ant. Res. Ser., vol. 43, AGU, Wash. D. C.
- Grumbine, R. (1987) Identification of oscillations in Ross Sea current data. *Ant. Jour. of the U.S.*, 22(5), 110-111.
- Jacobs, S. and W. Haines (1982) Ross Ice Shelf Project, Oceanographic data in the Ross Sea and along the George V Coast, 1976-1979. LDGO-82-1, Lamont-Doherty Geological Observatory of Columbia University, Palisades, 505 pp.
- Jacobs, S., W. Smethie Jr., R. D. Pillsbury and D. R. MacAyeal (1984) Ross Sea Oceanography, 1984. *Ant. Jour. of the U. S.*, 19(5), 72-73.
- Jacobs, S. (1985) Oceanographic evidence for land ice/ocean interactions in the Southern Ocean. p. 116-128, In: *Glaciers, Ice Sheets, and Sea Level: Effects of a CO₂ Induced Climatic Change*, Report of a Workshop held in Seattle, Wa. 13-15 Sept. 1984, National Academy Press, Wash. D.C.
- Jacobs, S., R. Fairbanks and Y. Horibe (1985) Origin and evolution of water masses near the Antarctic Continental margin: Evidence from H₂¹⁸O/H₂¹⁶O ratios in seawater. pp. 59-85 in *Oceanology of the Antarctic Continental Shelf*, Ant. Res. Series, Vol. 43, Am. Geophys. Un., Wash. D.C.
- Jacobs, S. (1986) The Antarctic Slope Front. *Ant. Jour. of the U.S.*, 21(5), 123-124.
- Jacobs, S., D. MacAyeal and J. Ardai, Jr. (1986) The recent advance of the Ross Ice Shelf, Antarctica. *Jour. of Glaciology*, 32(112), 464-474.
- Jacobs, S. (1987) Ice fronts and icebergs in the Ross and Weddell Seas. *Ant. Jour. of the U.S.*, 22(5), 91-94.
- Jacobs, S. (1988) Subsurface currents in the Southeast Ross Sea. *Ant. Jour. of the U.S.*, 23(5), 80-82.
- Jacobs, S. (1989) Marine controls on modern sedimentation on the Antarctic continental shelf. *Mar. Geol.*, 85, 121-153.
- Jacobs, S., and J. Comiso (1989) Sea ice and oceanic processes on the Ross Sea continental shelf. *J. Geophys. Res.*, 94(C12), 18195-18211.

- Keys, H., S. Jacobs and D. Barnett (1990) The calving and drift of iceberg B-9 in the Ross Sea, Antarctica. Subm. to Antarctic Science.
- Lewis, E. L. and R. G. Perkin (1985) The winter oceanography of McMurdo Sound, Antarctica. pp 145-165 in Oceanology of the Antarctic Continental Shelf, Ant. Res. Series, Vol. 43, Amer. Geophys. Un., Wash., D.C.
- Lewis, E. L. and R. G. Perkin (1986) Ice pumps and their rates. Jour. Geophys. Res., 91(C10), 11756-11762.
- MacAyeal, D. R. (1985a) Tidal rectification below the Ross Ice Shelf, Antarctica. pp 109-132 in: Oceanology of the Antarctic Continental Shelf, Ant. Res. Series, Vol. 43, Amer. Geophys. Un., Wash. D. C.
- MacAyeal, D. R. (1985b) Evolution of tidally triggered meltwater plumes below ice shelves. pp 133-143 in: Oceanology of the Antarctic Continental Shelf, Antarctic Res. Series, Vol. 43, Amer. Geophys. Un., Wash., D. C.
- Nelson, D. M. and W. O. Smith, Jr. (1986) Phytoplankton bloom dynamics of the western Ross Sea ice edge - II. Mesoscale cycling of nitrogen and silicon. Deep-Sea Research, 33, 1389-1412.
- Patterson, S. L. and H. A. Sievers (1979/80) Mesoscale thermal structure of the polar front zone in Drake Passage during the austral summer of 1976. Ser. Cient. Inst. Antart. Chileno (25/26), 49-112.
- Pillsbury, R. D., E. L. Lewis and S. Jacobs (1983) Ross Sea heat flux experiment field activities. Ant. Jour. of the U. S., 18(5), 134-135.
- Pillsbury, R. D., and S. Jacobs (1985a) Preliminary observations from long-term current meter moorings near the Ross Ice Shelf, Antarctica. pp. 87-107 in Oceanology of the Antarctic Continental Shelf, Ant. Res. Ser., Vol 43, Am. Geophys. Un., Wash. D.C.
- Pillsbury, R.D., and S. Jacobs (1985b) Ross Sea oceanography, 1985. Ant. Jour. of the U.S., 20(5), 112-113.
- Saunders, P. M. (1981) Practical conversion of pressure to depth. Jour. Phys. Ocean., 11, 573-574.
- Savage, M. L., C. R. Stearns, G. Weidner and D. Fleming (1985) Antarctic Automatic Weather Station data for the calendar year 1984. Dept. of Meteorology, Univ. Wisc., Madison, 244 pp.
- Smith, M.J. and J. B. Anderson (1984) USCGC Polar Sea Ross Sea cruise, 1983-1984. Antarctic Jour. of the U.S., 19(5), 77-80.
- Takahashi, T., D. Chipman, W. Smethie Jr., J. Goddard, S. Trumbore, G. Mathieu and S. Sutherland (1985) Assessment of carbon dioxide sink/source in the oceanic areas: The results of 1982-1984 investigations. Final Tech. Rep. to U. S. Dept of Energy, Contract DE-ACO2-81-ER60000A&B, 53 pp.
- Trumbore, S. E., S. S. Jacobs and W. M. Smethie Jr. (1990) Chlorofluorocarbon evidence for rapid ventilation of the Ross Sea. Subm. to Deep-Sea Res.

UNESCO (1978) Freezing point of seawater. Eighth report of the Joint Panel of Oceanographic Tables and Standards, Appendix 6, Unesco Tech. Pap. Mar. Sci, 28, 29-35.

Visser, A., and S. Jacobs (1987) Annual mean estimates of heat transport into the Ross Sea sub-ice cavity. IUGG/IAPSO High Latitude Oceans Symposium, Vancouver, 9-22 August, 1987.

5. Data Formats

5.1 CTD Stations

The CTD measurements are presented station by station on facing pages as 'down and up' (solid and dotted line) vertical profiles and standard level listings. The 'uptrace' listing is truncated where it exceeds the page length. Station coordinates are in decimal degrees on the listings, negative in the southern and western hemispheres. Positions often differ between the start and end of a station due to ship drift or manouvering. Station depths on PS 84 are either from the ship to sea floor round trip travel time or the CTD depth plus pinger (PING) distance above bottom. The CTD was generally taken to within 5m of the sea floor to facilitate sediment sampling. Some estimated depths are flagged (#) on ST 85. Atmospheric pressure (BAROM) in mb; wind direction (WNDIR) to the nearest 10°; wind speed (WNDSP) in m s^{-1} ; and air temperature (TAIR) in °C are from ships' weather logs. The ships' radar range (RANGL) in m to adjacent glacial ice features is given where that distance was < 10,000 m. TIME is Universal Standard (Greenwich), and M denotes the cast mode (1 = down; 2 = up). Ship and cruise designators indicate Glacier 1983 (GL 83), Polar Sea 1984 (PS 84), Polar Star 1985 (ST 85) and Polar Sea 1987 (PS 87).

CTD depth (DPTH), in m, is calculated from measured CTD pressure (PRES), in dbar, after Saunders (1981). Temperature (TEMPER), potential temperature (POTEMP), temperature above the in-situ freezing point (T>FRZ) and temperature above sea surface freezing point (T>FRS) are in °C; the latter are from UNESCO (1978). For salinities and depths encountered on the continental shelf in the Ross Sea, freezing temperature varies from ~ -1.9°C at the surface to ~ -2.5°C at 800m. Salinity (SLINTY) is in practical salinity units (psu), and densities (SGMA-0 ~ σ_t , SGMA.5, SGMA-1, SGMA-2) are referenced to 0, 500, 1000, and 2000 dbar.

ANOMA = specific volume anomaly; GEOPT = geopotential depth in m, and SVELOC = sound velocity in m s^{-1} .

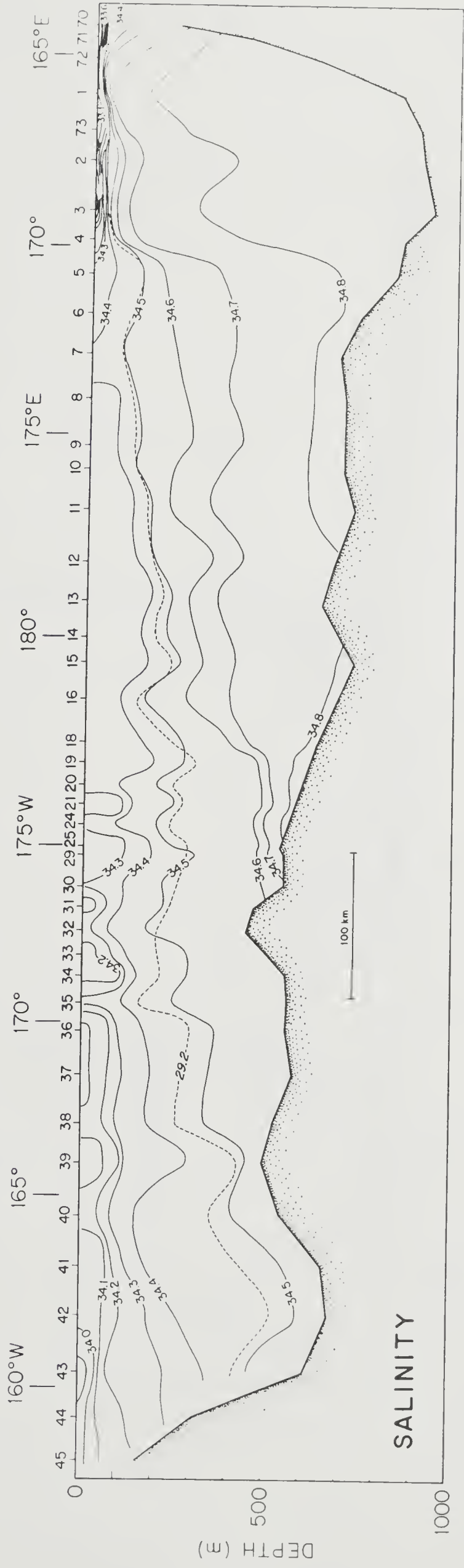
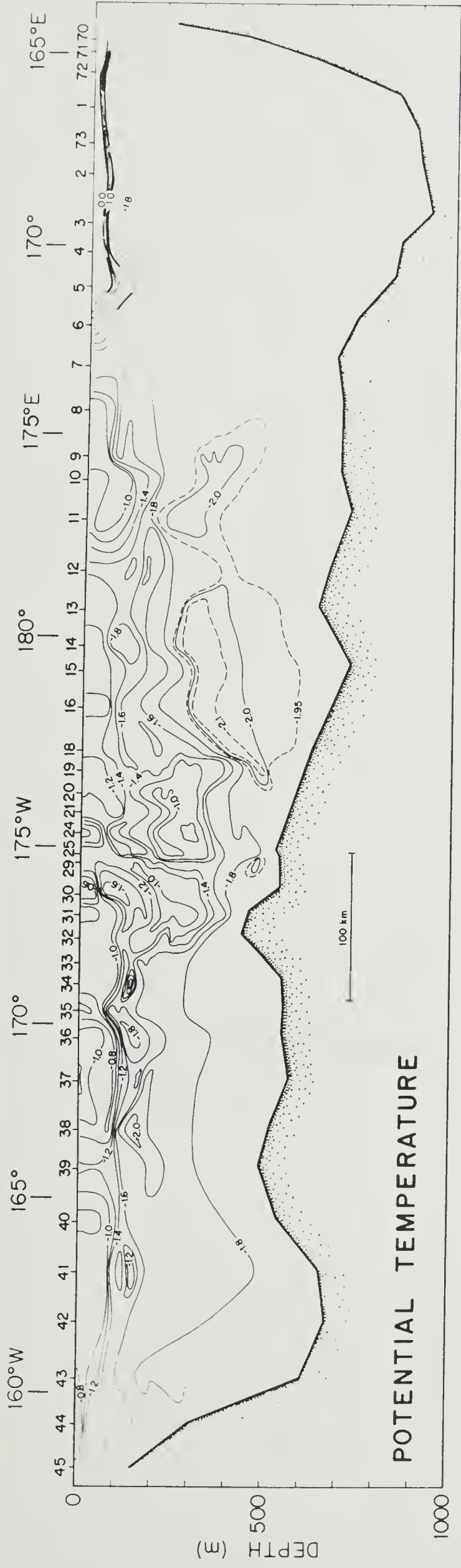
5.2 Bottle Data

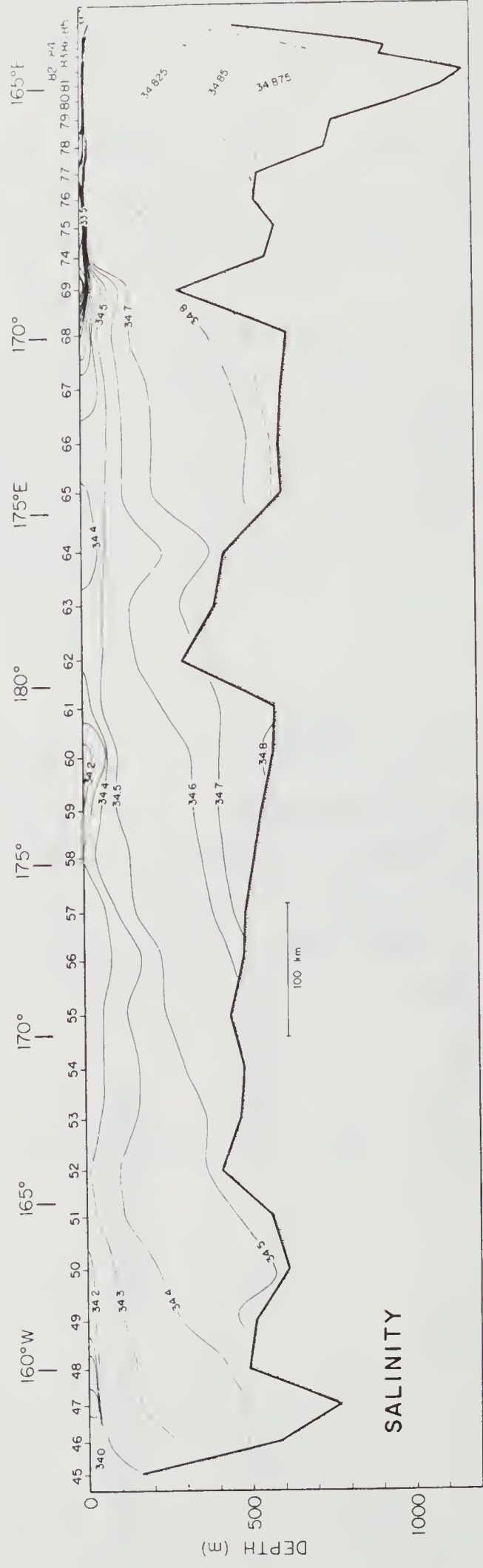
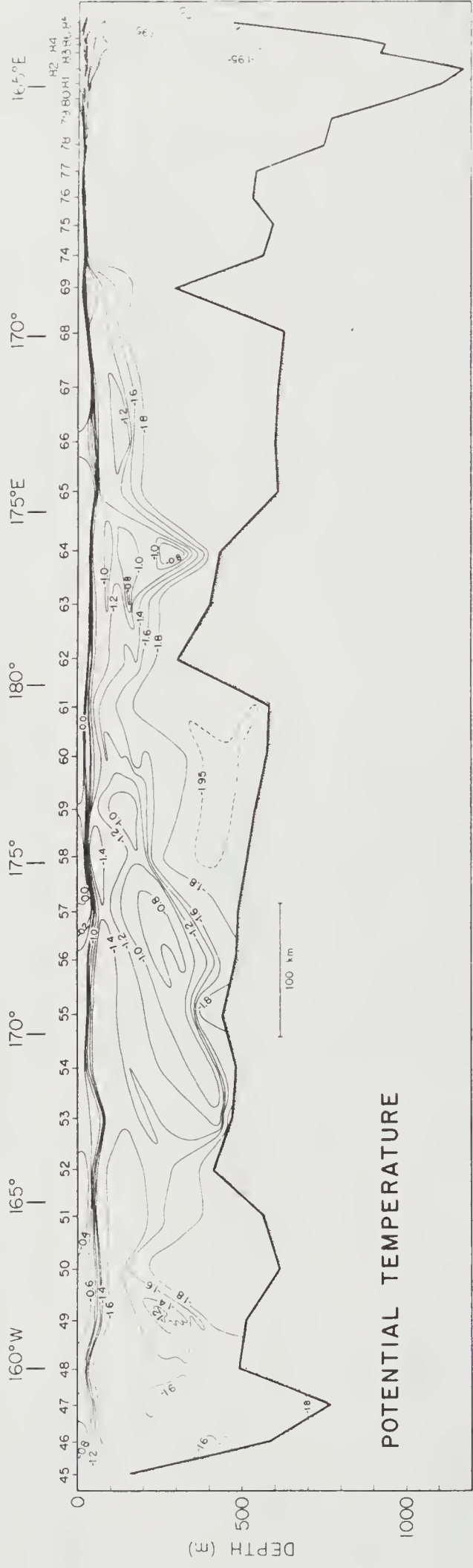
Bottle data appear beneath the CTD Mode 1 lists. PRES = pressure in dbar from the CTD at the time of bottle closure, with corresponding depth (DPTH) calculated as above. Dissolved oxygen (OXYG) in ml l^{-1} ; nutrients (NITR, PHOS, SILIC) in M l^{-1} ($\mu\text{g-at l}^{-1}$); carbon dioxide partial pressure, pCO_2 , in μatm normalized to 0°C (PCO) and to the in-situ temperature (PCT); total CO_2 (TCO2) in $\mu\text{M kg}^{-1}$; total alkalinity (TALK) in $\mu\text{Eq kg}^{-1}$; and chlorofluorocarbons (FR11 and FR12) in pM l^{-1} . Bottle number (BN) '13', corresponds to a sea surface bucket sample. Flags (F) are used where (1) CTD salinity has been substituted for bottle salinity, (2) oxygen is doubtful, (3) depth is doubtful or two bottle positions have been exchanged or (4) one or more of the chemistries (oxygen, silicate of F12) is doubtful.

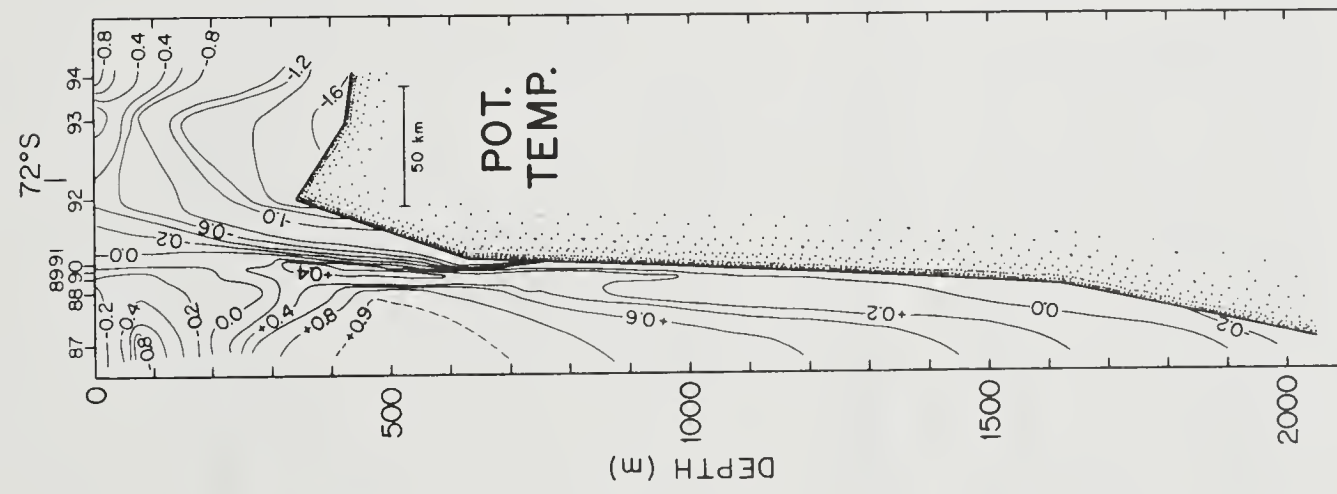
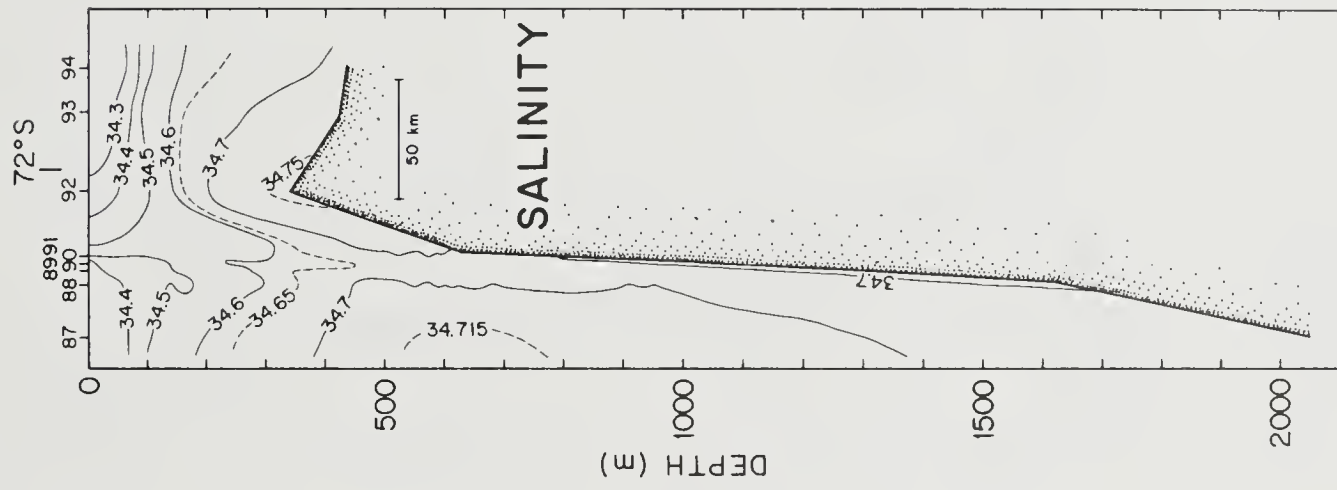
5.3 XBT Plots

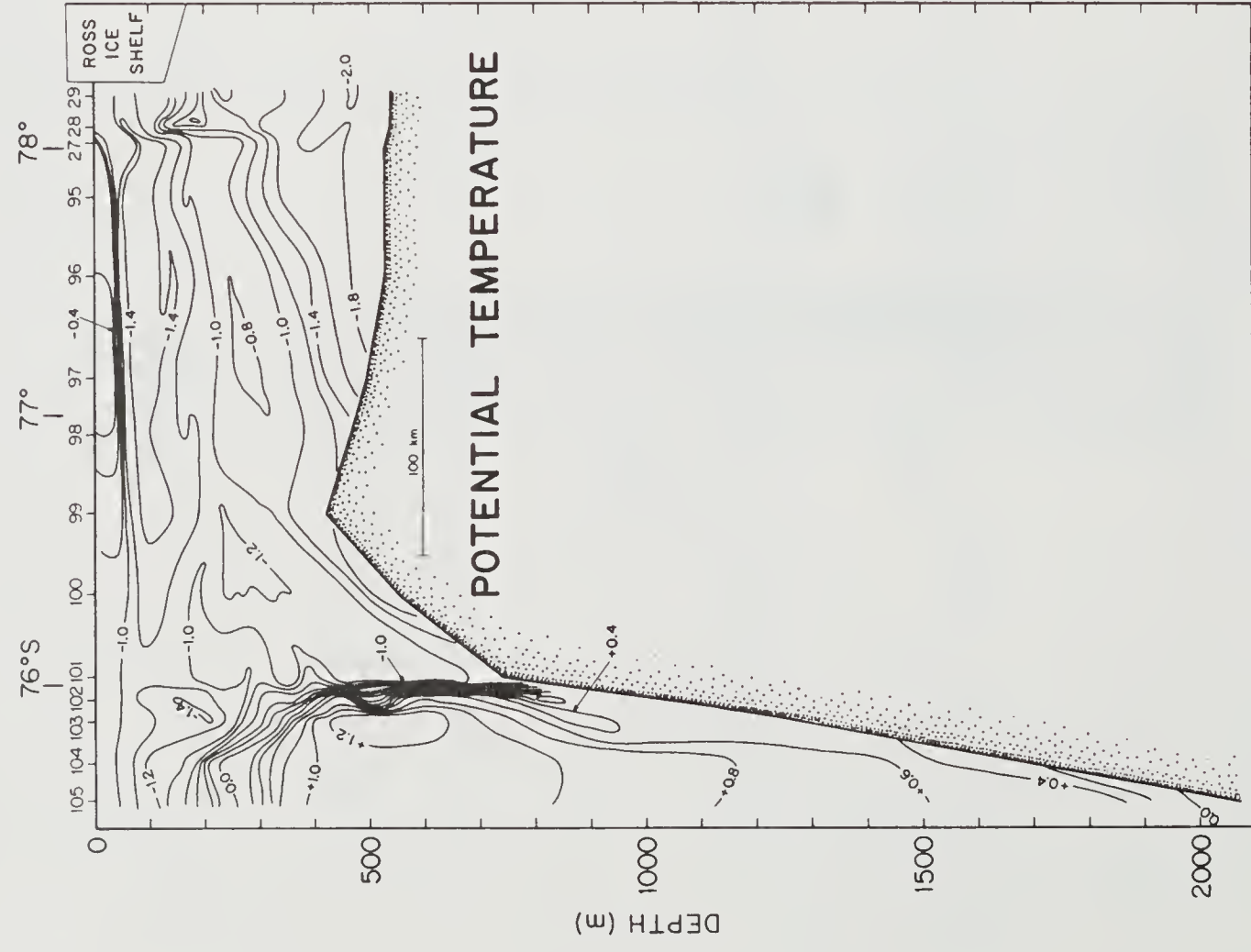
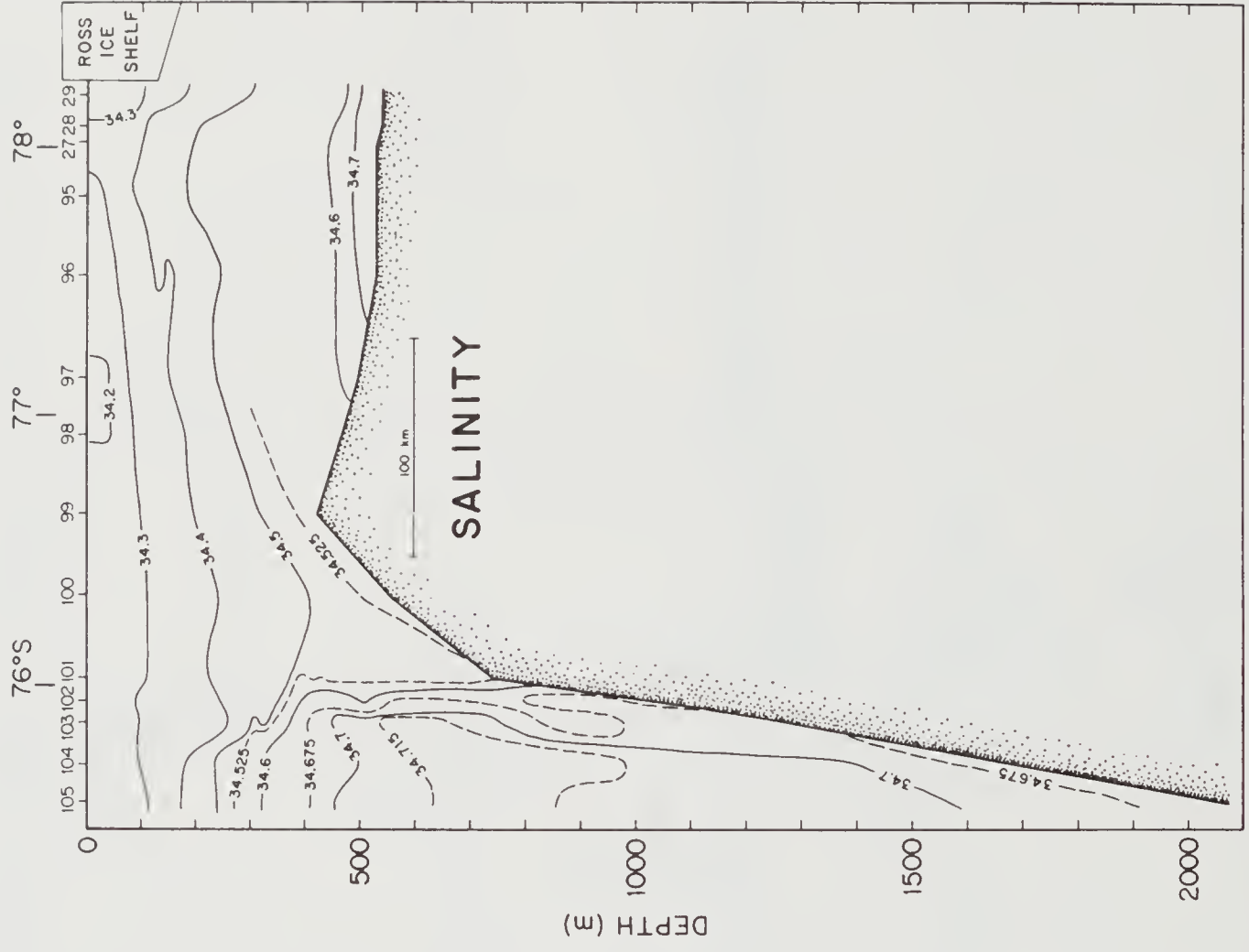
The temperature scale above each plot applies to the left profile; other profiles have been successively offset 2°C to the right. An asterisk next to the cast number indicates that all or part of the profile is doubtful or contains lengthy interpolation. Cast time is Universal Standard, coordinates in decimal minutes, and 'surface' temperatures have been extracted from the 5 m XBT levels. Salinity (SALT, in psu) entries appear where surface bucket samples were taken. Deep (T-5) XBT casts appear after PS 84-194.

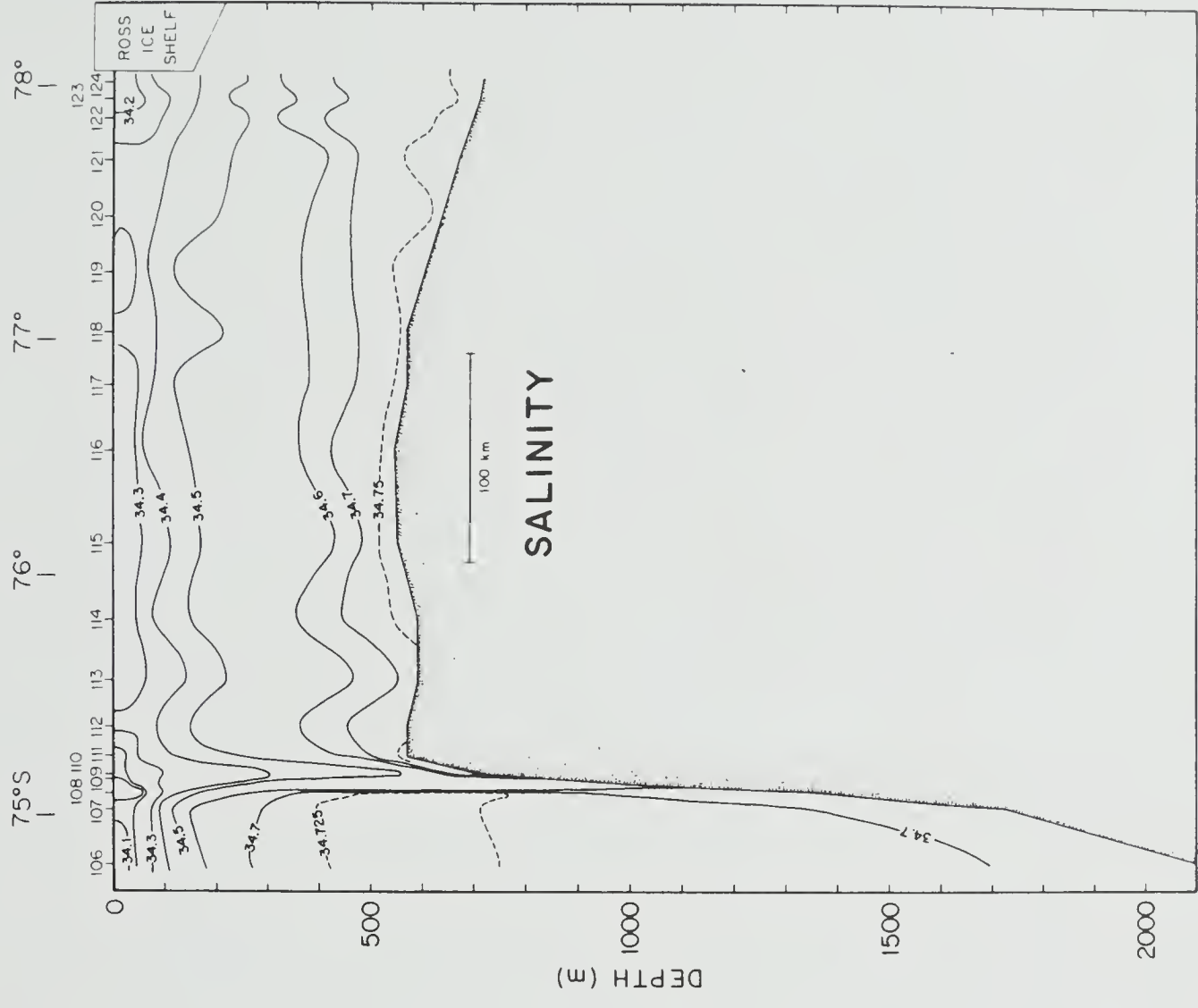
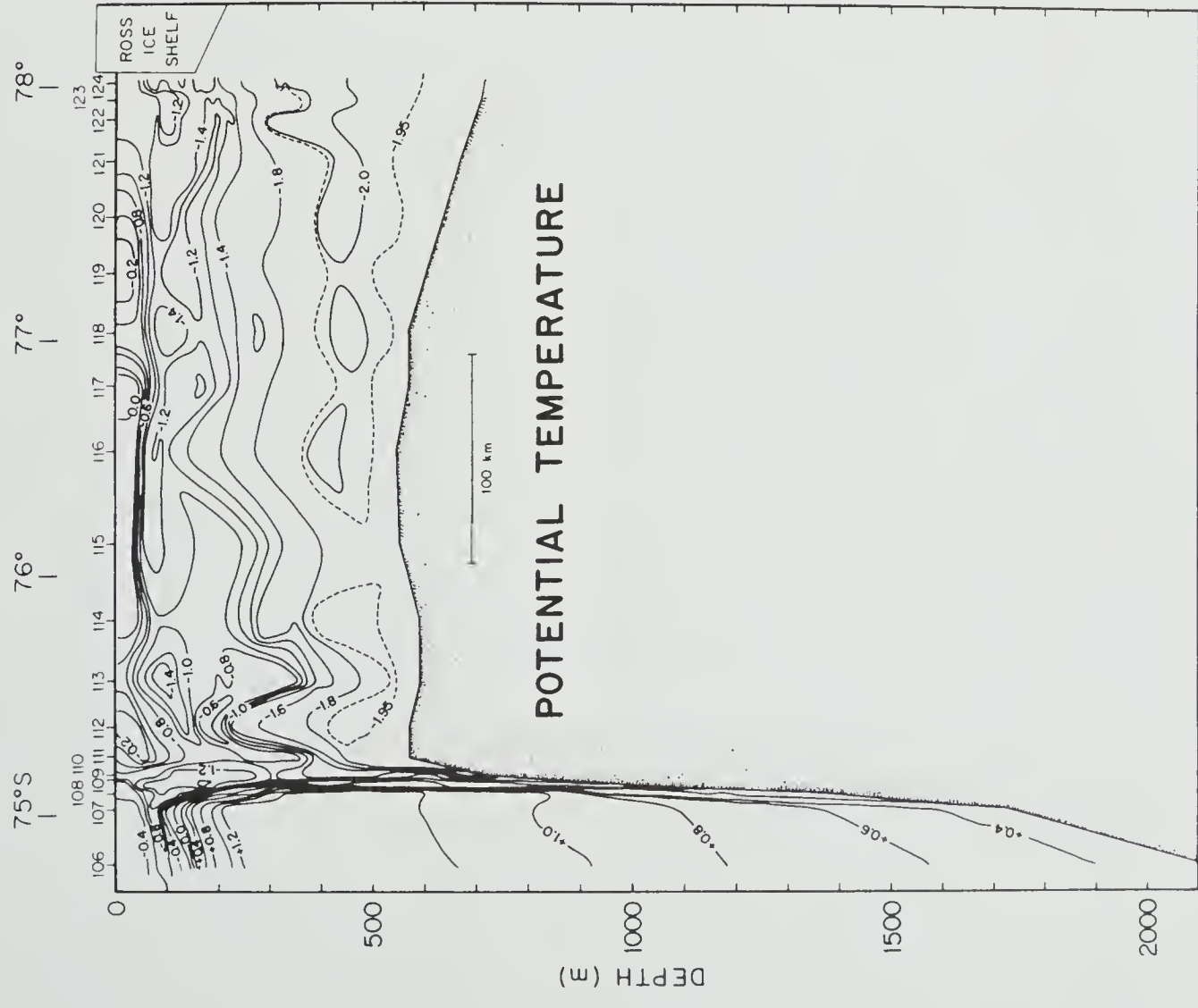
6. Vertical Sections of Temperature and Salinity, Polar Sea 1984



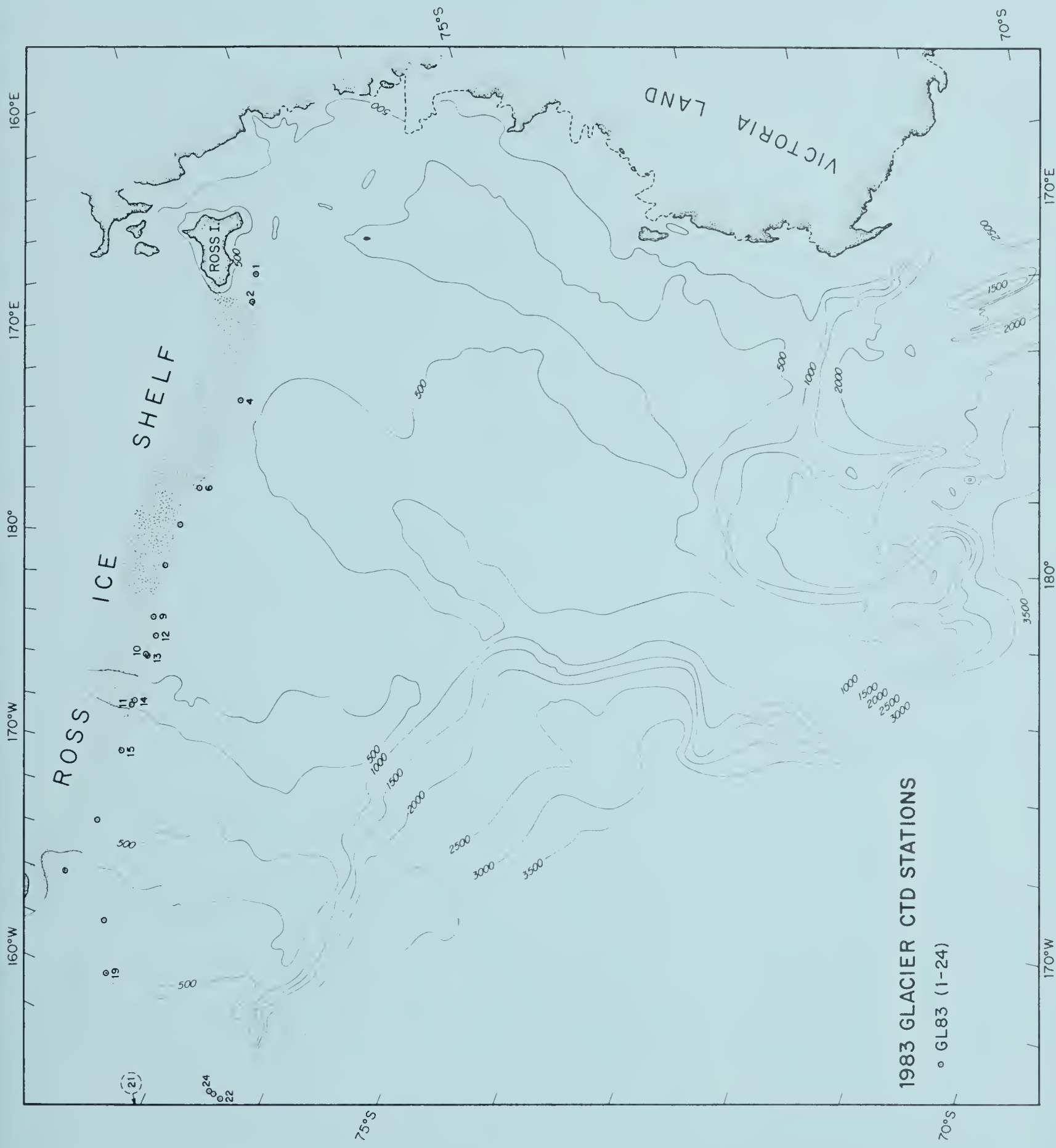








GLACIER 83 CTD STATIONS

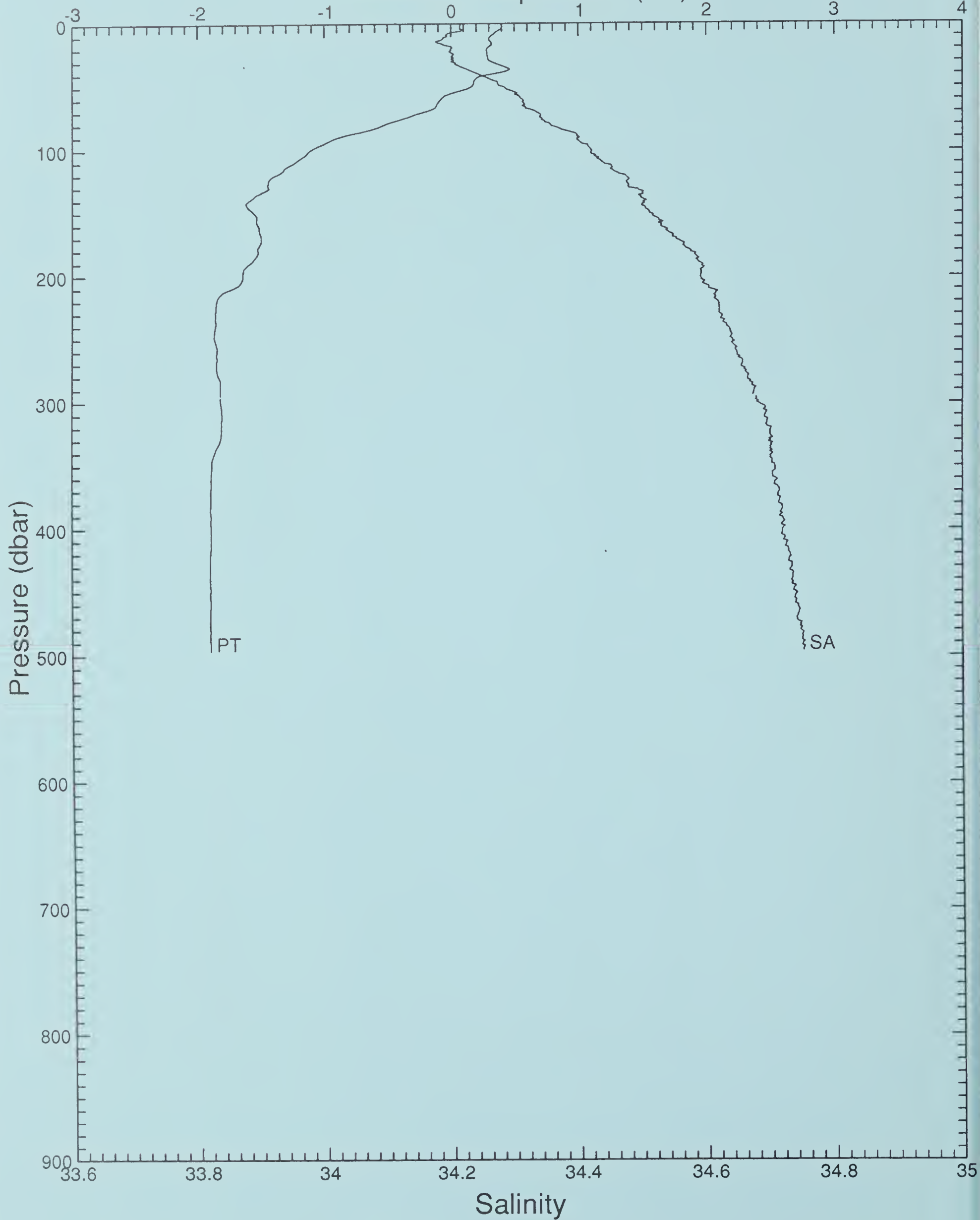


GL_83 1

77 11 S

169 1 E

Potential Temperature (°C)



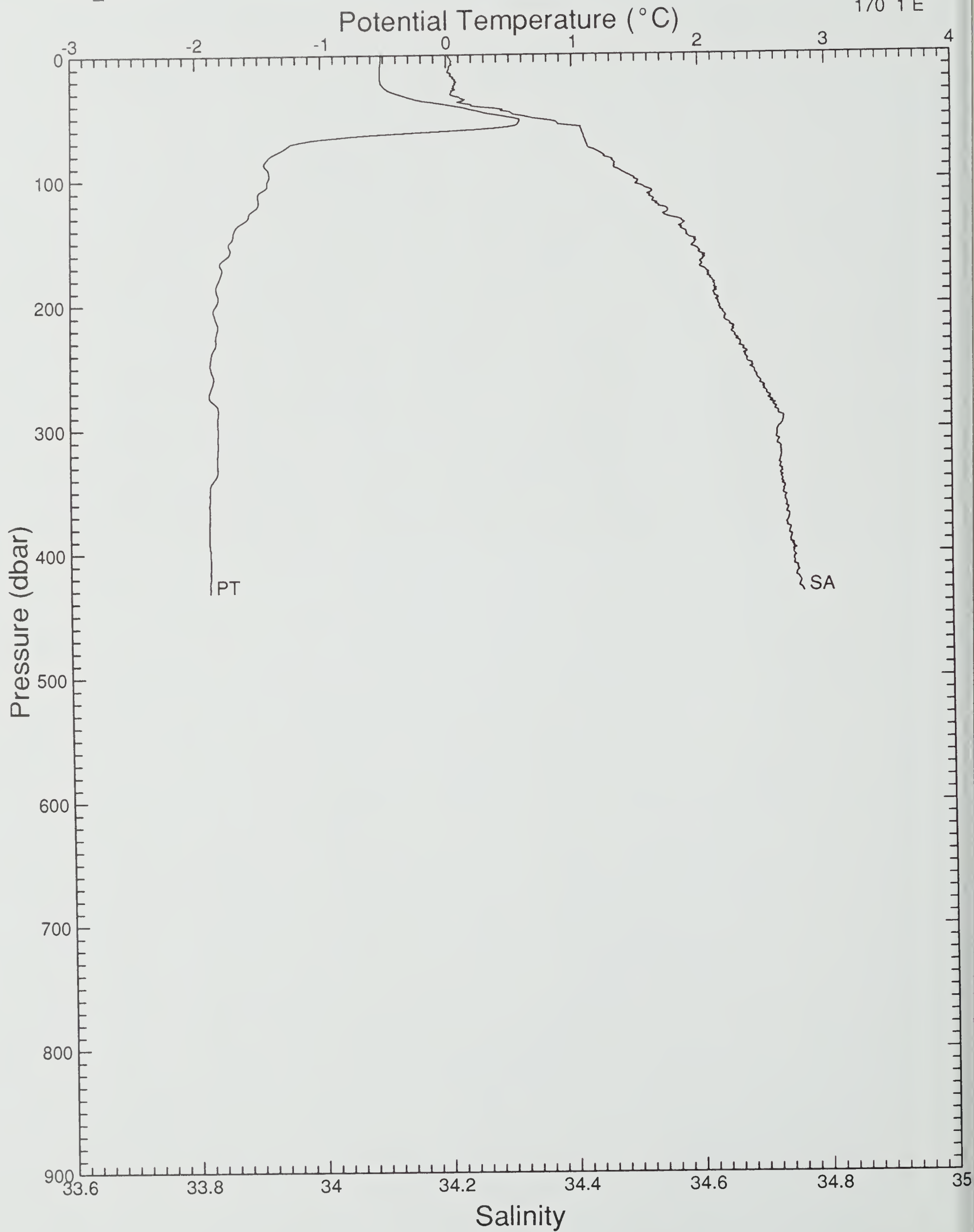
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.177	169.105	#930	1009.1	90	1.5	0.0		0445	03	FEB	1983	GL	83	1	G 1

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G 1	1	0	0.399	0.399	2.28	2.28	34.215	27.451	29.816	32.154	36.752	62.1	0.000	1449.9	0
G 1	1	10	0.314	0.314	2.20	2.19	34.194	27.439	29.805	32.145	36.745	63.2	0.006	1449.7	9
G 1	1	20	0.283	0.282	2.17	2.16	34.199	27.445	29.811	32.151	36.752	62.6	0.013	1449.7	19
G 1	1	30	0.318	0.317	2.22	2.19	34.200	27.443	29.810	32.149	36.749	62.8	0.019	1450.0	29
G 1	1	40	0.318	0.317	2.23	2.20	34.244	27.479	29.845	32.184	36.784	59.4	0.025	1450.2	39
G 1	1	50	0.161	0.159	2.08	2.04	34.283	27.519	29.887	32.229	36.833	55.6	0.031	1449.7	49
G 1	1	60	-0.079	-0.081	1.85	1.80	34.312	27.555	29.927	32.272	36.882	52.1	0.036	1448.8	59
G 1	1	70	-0.214	-0.216	1.72	1.67	34.334	27.579	29.953	32.300	36.914	49.8	0.041	1448.4	69
G 1	1	80	-0.526	-0.528	1.42	1.36	34.356	27.612	29.990	32.342	36.965	46.6	0.046	1447.1	79
G 1	1	90	-0.892	-0.895	1.06	1.00	34.402	27.665	30.048	32.405	37.039	41.5	0.050	1445.7	89
G 1	1	100	-1.108	-1.111	0.86	0.78	34.420	27.687	30.074	32.435	37.075	39.3	0.054	1444.8	98
G 1	1	125	-1.438	-1.441	0.55	0.45	34.475	27.744	30.135	32.500	37.150	33.7	0.064	1443.7	123
G 1	1	150	-1.546	-1.549	0.46	0.35	34.511	27.776	30.170	32.536	37.189	30.5	0.072	1443.7	148
G 1	1	175	-1.506	-1.510	0.52	0.39	34.565	27.819	30.211	32.577	37.228	26.4	0.079	1444.4	173
G 1	1	200	-1.637	-1.642	0.41	0.26	34.591	27.844	30.239	32.606	37.261	23.8	0.085	1444.2	197
G 1	1	225	-1.850	-1.855	0.22	0.05	34.620	27.874	30.271	32.642	37.303	20.7	0.091	1443.6	222
G 1	1	250	-1.860	-1.865	0.23	0.04	34.641	27.891	30.289	32.660	37.321	18.9	0.096	1444.0	247
G 1	1	275	-1.840	-1.846	0.27	0.06	34.663	27.908	30.306	32.676	37.337	17.2	0.100	1444.5	271
G 1	1	300	-1.809	-1.816	0.32	0.10	34.679	27.921	30.317	32.687	37.347	15.9	0.104	1445.1	296
G 1	1	325	-1.803	-1.810	0.35	0.10	34.700	27.938	30.334	32.704	37.363	14.2	0.108	1445.6	321
G 1	1	350	-1.877	-1.885	0.29	0.03	34.707	27.945	30.343	32.714	37.375	13.3	0.111	1445.6	345
G 1	1	375	-1.887	-1.895	0.30	0.02	34.716	27.953	30.351	32.722	37.383	12.4	0.115	1446.0	370
G 1	1	400	-1.882	-1.891	0.32	0.02	34.719	27.955	30.353	32.724	37.385	12.0	0.118	1446.4	395
G 1	1	425	-1.888	-1.898	0.34	0.02	34.729	27.963	30.361	32.732	37.394	11.1	0.120	1446.8	420
G 1	1	450	-1.886	-1.897	0.36	0.02	34.741	27.973	30.371	32.742	37.403	10.1	0.123	1447.3	444
G 1	1	475	-1.888	-1.899	0.38	0.02	34.747	27.978	30.376	32.747	37.408	9.5	0.126	1447.7	469
G 1	1	496	-1.883	-1.895	0.40	0.03	34.752	27.982	30.380	32.751	37.412	9.0	0.128	1448.0	490

GL_83 2

77 15 S

170 1 E



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.245	170.245	#820	1009.5	0	0.0	-6.6	2220	0651	03	FEB	1983	GL	83	1	G 2

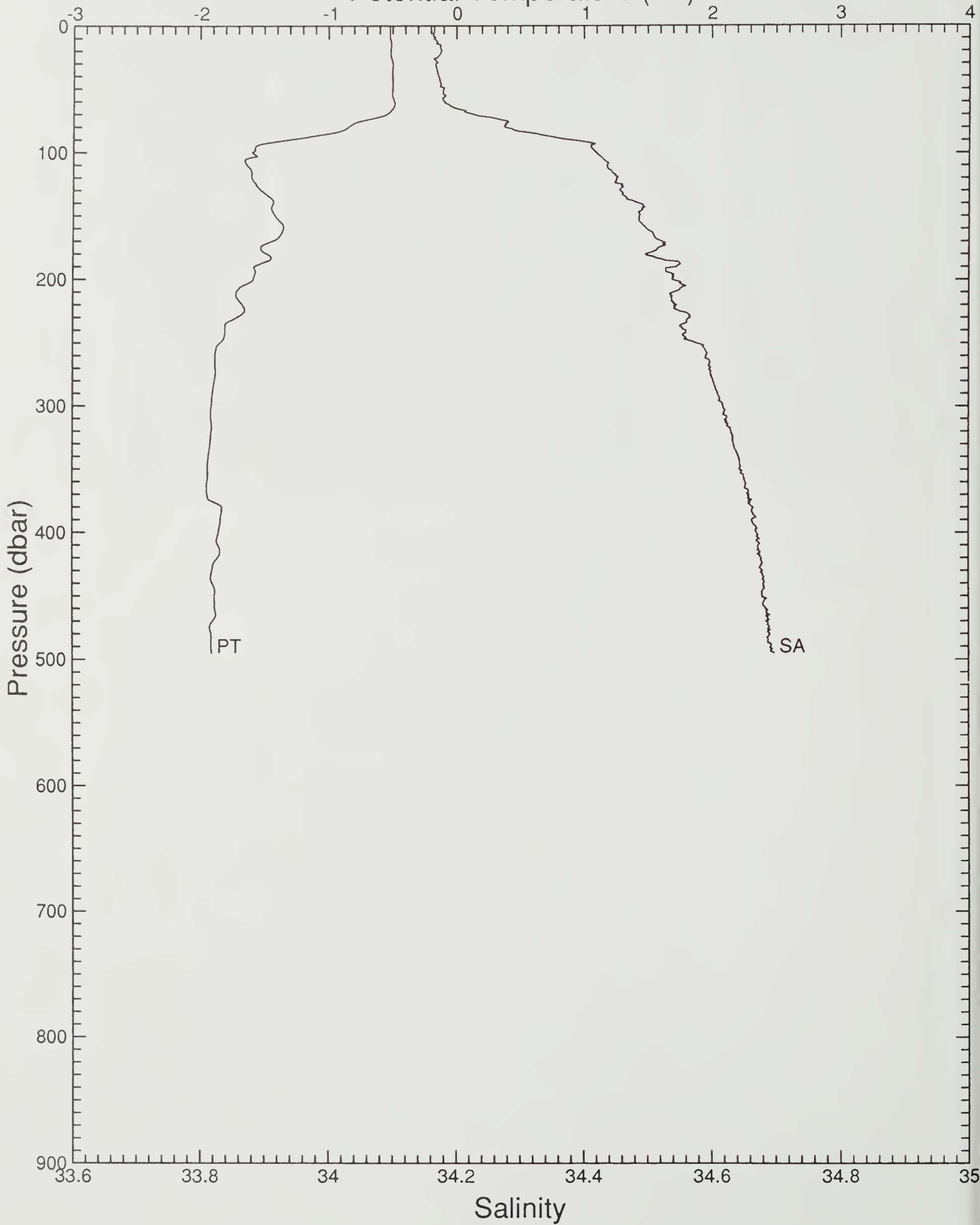
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G 2	1	0	-0.519	-0.519	1.36	1.36	34.204	27.489	29.867	32.219	36.844	58.5	0.000	1445.7	0
G 2	1	10	-0.524	-0.524	1.36	1.35	34.205	27.490	29.868	32.221	36.845	58.4	0.006	1445.8	9
G 2	1	20	-0.523	-0.524	1.37	1.35	34.215	27.498	29.876	32.228	36.853	57.6	0.012	1446.0	19
G 2	1	30	-0.424	-0.425	1.48	1.45	34.209	27.488	29.866	32.216	36.838	58.4	0.017	1446.6	29
G 2	1	40	-0.001	-0.002	1.91	1.88	34.240	27.493	29.864	32.208	36.817	58.0	0.023	1448.8	39
G 2	1	50	0.486	0.484	2.41	2.37	34.329	27.538	29.901	32.238	36.832	53.8	0.029	1451.3	49
G 2	1	60	0.233	0.231	2.17	2.12	34.415	27.622	29.988	32.328	36.929	45.9	0.034	1450.4	59
G 2	1	70	-1.188	-1.190	0.75	0.70	34.422	27.692	30.080	32.441	37.084	38.9	0.038	1444.0	69
G 2	1	80	-1.387	-1.389	0.56	0.50	34.449	27.721	30.112	32.476	37.125	36.1	0.042	1443.2	79
G 2	1	90	-1.423	-1.425	0.54	0.47	34.467	27.737	30.128	32.493	37.142	34.6	0.045	1443.2	89
G 2	1	100	-1.415	-1.417	0.55	0.48	34.499	27.762	30.154	32.518	37.167	32.1	0.049	1443.5	98
G 2	1	125	-1.549	-1.552	0.44	0.35	34.553	27.810	30.204	32.570	37.222	27.4	0.056	1443.3	123
G 2	1	150	-1.723	-1.726	0.29	0.18	34.598	27.852	30.248	32.617	37.274	23.2	0.063	1443.0	148
G 2	1	175	-1.785	-1.789	0.25	0.11	34.618	27.870	30.267	32.637	37.296	21.4	0.068	1443.1	173
G 2	1	200	-1.826	-1.830	0.23	0.08	34.632	27.883	30.280	32.650	37.311	20.0	0.073	1443.3	197
G 2	1	225	-1.827	-1.832	0.25	0.08	34.659	27.905	30.302	32.672	37.332	17.8	0.078	1443.8	222
G 2	1	250	-1.869	-1.874	0.22	0.04	34.687	27.929	30.326	32.697	37.358	15.4	0.082	1444.0	247
G 2	1	275	-1.874	-1.880	0.24	0.03	34.714	27.951	30.349	32.719	37.380	13.2	0.086	1444.4	271
G 2	1	300	-1.808	-1.815	0.32	0.10	34.726	27.959	30.355	32.725	37.384	12.3	0.089	1445.2	296
G 2	1	325	-1.814	-1.821	0.34	0.09	34.729	27.961	30.358	32.728	37.387	11.9	0.092	1445.5	321
G 2	1	350	-1.875	-1.883	0.30	0.03	34.735	27.968	30.366	32.736	37.397	11.1	0.095	1445.7	345
G 2	1	375	-1.878	-1.887	0.31	0.03	34.740	27.972	30.370	32.741	37.402	10.6	0.098	1446.1	370
G 2	1	400	-1.872	-1.881	0.34	0.04	34.749	27.979	30.377	32.748	37.408	9.8	0.100	1446.5	395
G 2	1	425	-1.874	-1.884	0.35	0.04	34.760	27.988	30.386	32.757	37.417	8.8	0.102	1446.9	420
G 2	1	432	-1.876	-1.886	0.36	0.03	34.765	27.992	30.390	32.761	37.422	8.4	0.103	1447.0	426

GL_83 4

77 25 S

174 15 E

Potential Temperature (°C)

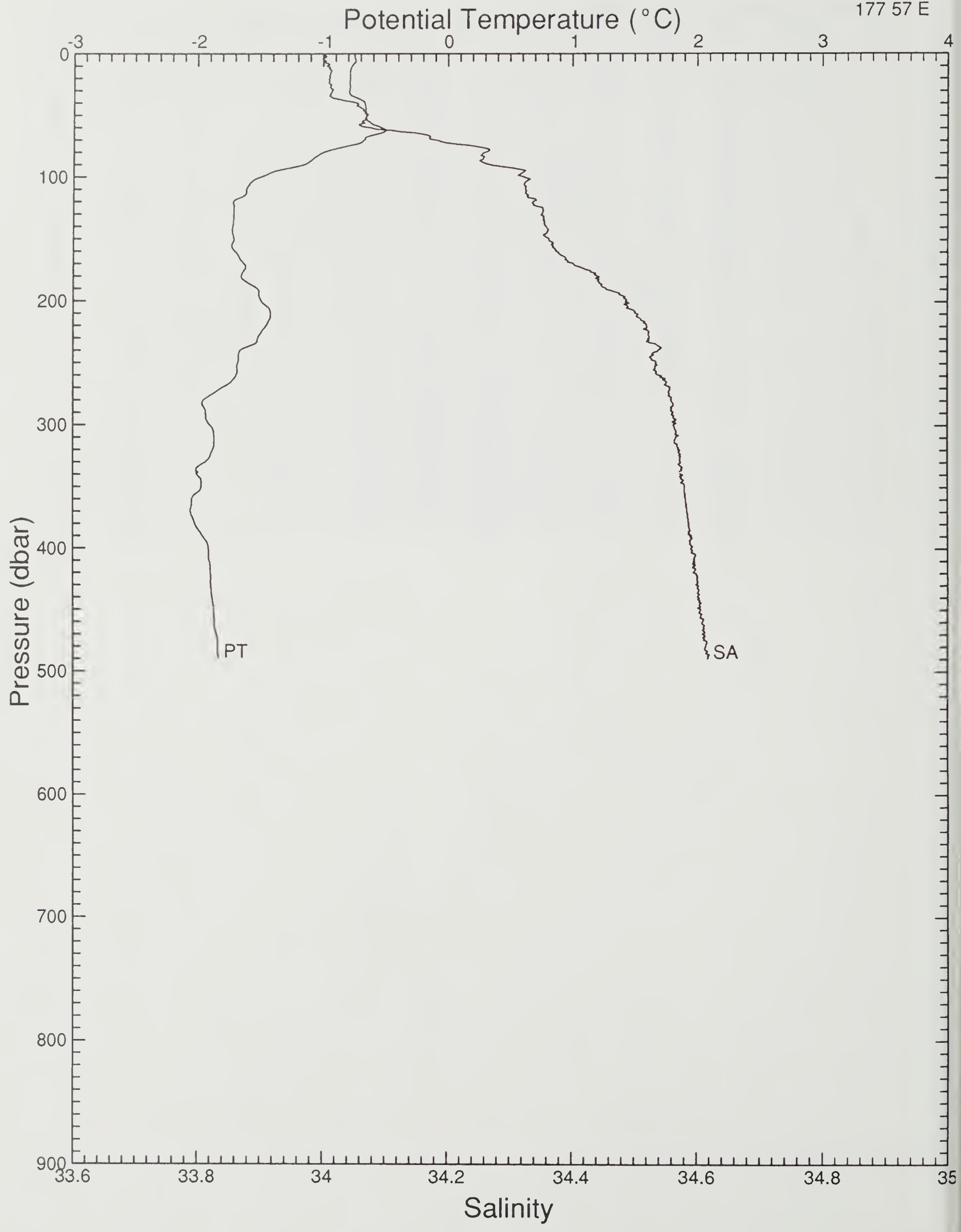


LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.423	174.257	689	1008.1	165	2.6	-10.0	240	0712	03	FEB	1983	GL	83	1	G 4

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G 4	1	0	-0.522	-0.522	1.35	1.35	34.165	27.457	29.836	32.188	36.813	61.5	0.000	1445.6	0
G 4	1	10	-0.520	-0.520	1.36	1.35	34.164	27.456	29.835	32.187	36.812	61.5	0.006	1445.8	9
G 4	1	20	-0.515	-0.516	1.38	1.36	34.176	27.466	29.845	32.197	36.821	60.6	0.012	1446.0	19
G 4	1	30	-0.497	-0.498	1.40	1.38	34.167	27.458	29.836	32.188	36.812	61.3	0.018	1446.2	29
G 4	1	40	-0.499	-0.500	1.41	1.38	34.172	27.462	29.840	32.192	36.816	60.9	0.025	1446.4	39
G 4	1	50	-0.498	-0.500	1.42	1.38	34.180	27.468	29.847	32.199	36.823	60.3	0.031	1446.5	49
G 4	1	60	-0.484	-0.486	1.44	1.39	34.182	27.469	29.848	32.199	36.823	60.2	0.037	1446.8	59
G 4	1	70	-0.541	-0.543	1.39	1.34	34.228	27.509	29.888	32.240	36.865	56.4	0.042	1446.7	69
G 4	1	80	-0.843	-0.845	1.10	1.04	34.277	27.561	29.945	32.302	36.935	51.3	0.048	1445.6	79
G 4	1	90	-1.317	-1.319	0.64	0.57	34.385	27.666	30.057	32.420	37.067	41.2	0.052	1443.6	89
G 4	1	100	-1.591	-1.593	0.37	0.30	34.420	27.704	30.098	32.466	37.121	37.6	0.056	1442.5	98
G 4	1	125	-1.559	-1.562	0.43	0.33	34.461	27.736	30.130	32.497	37.150	34.4	0.065	1443.1	123
G 4	1	150	-1.406	-1.410	0.60	0.49	34.487	27.752	30.144	32.508	37.157	32.8	0.074	1444.3	148
G 4	1	175	-1.519	-1.523	0.51	0.38	34.517	27.780	30.173	32.539	37.191	30.0	0.082	1444.2	173
G 4	1	200	-1.573	-1.578	0.47	0.32	34.539	27.800	30.194	32.560	37.214	28.0	0.089	1444.4	197
G 4	1	225	-1.639	-1.644	0.43	0.26	34.551	27.812	30.206	32.574	37.229	26.7	0.096	1444.5	222
G 4	1	250	-1.834	-1.839	0.25	0.06	34.577	27.838	30.236	32.607	37.268	23.9	0.102	1444.0	247
G 4	1	275	-1.867	-1.873	0.24	0.03	34.600	27.858	30.256	32.627	37.289	21.9	0.108	1444.3	271
G 4	1	300	-1.897	-1.903	0.23	0.00	34.619	27.874	30.273	32.644	37.307	20.2	0.113	1444.6	296
G 4	1	325	-1.902	-1.909	0.24	0.00	34.634	27.886	30.285	32.657	37.319	18.9	0.118	1445.0	321
G 4	1	350	-1.924	-1.932	0.24	-0.02	34.644	27.895	30.294	32.666	37.329	17.9	0.122	1445.3	345
G 4	1	375	-1.897	-1.905	0.29	0.01	34.658	27.906	30.304	32.676	37.338	16.8	0.127	1445.9	370
G 4	1	400	-1.837	-1.846	0.37	0.07	34.671	27.915	30.312	32.683	37.343	15.9	0.131	1446.6	395
G 4	1	425	-1.878	-1.888	0.35	0.03	34.678	27.922	30.320	32.691	37.353	15.1	0.135	1446.8	420
G 4	1	450	-1.867	-1.878	0.38	0.04	34.680	27.923	30.321	32.692	37.353	14.8	0.139	1447.3	444
G 4	1	475	-1.906	-1.917	0.36	0.00	34.691	27.933	30.332	32.703	37.365	13.7	0.142	1447.5	469
G 4	1	495	-1.890	-1.902	0.39	0.02	34.698	27.938	30.337	32.708	37.370	13.1	0.145	1447.9	489

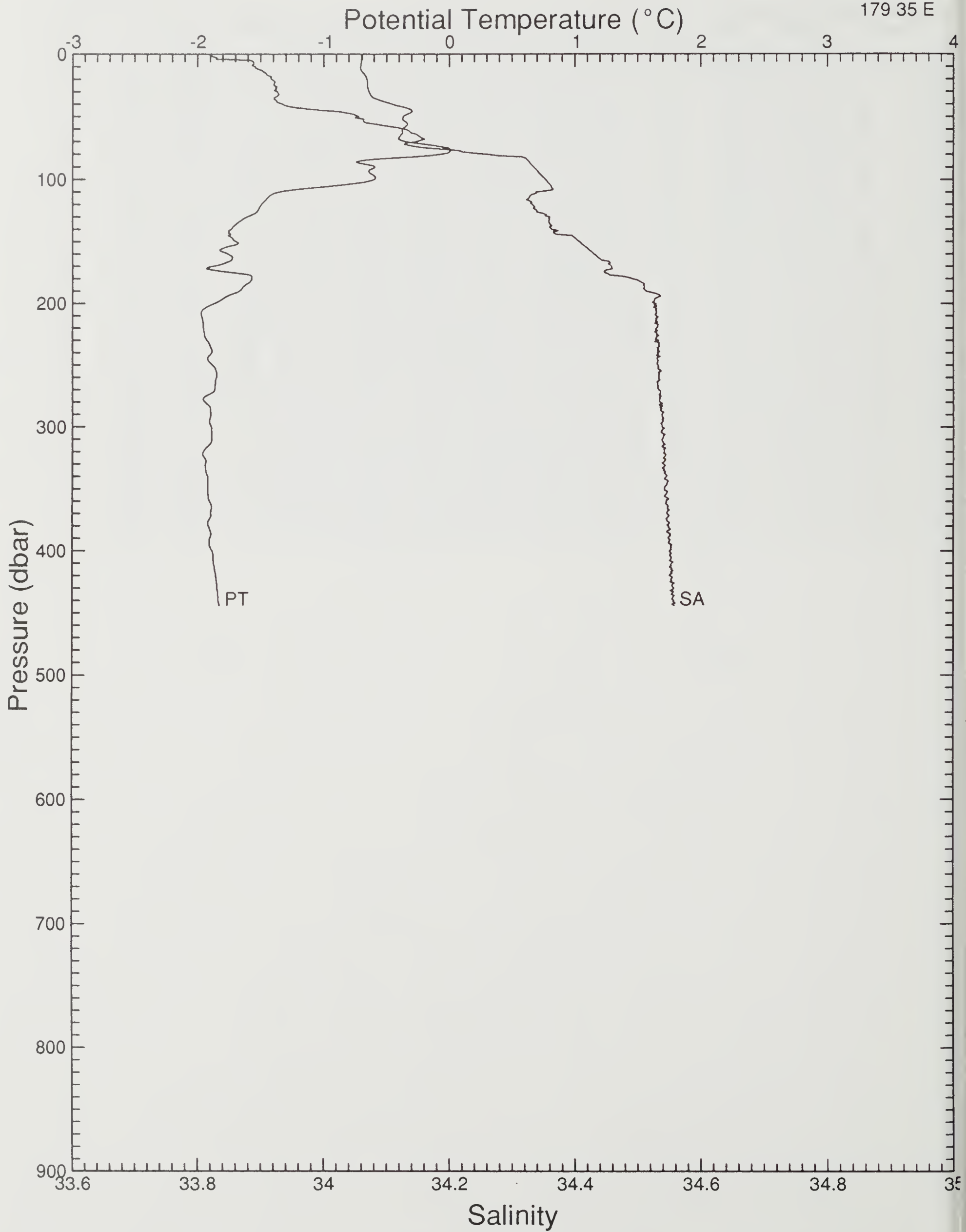
GL_83 6

77 49 S
177 57 E



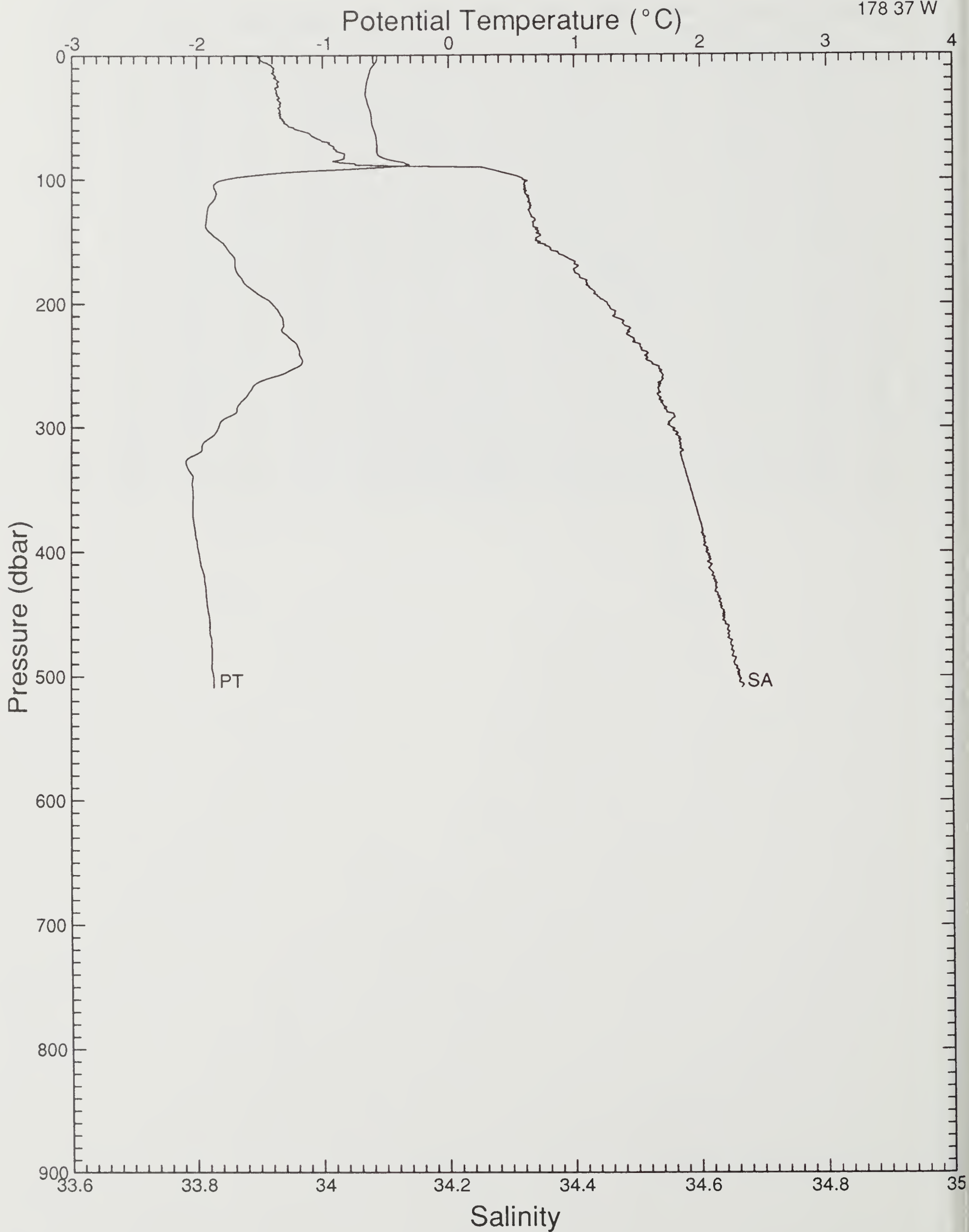
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.820	177.943	750	1007.1	65	1.9	-2.8	1050	0723	03	FEB	1983	GL	83	1	G 6

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G 6 1	0	-0.750	-0.750	1.11	1.11	34.000	27.333	29.716	32.073	36.706	73.2	0.000	1444.3	0	
G 6 1	10	-0.770	-0.770	1.10	1.09	34.005	27.338	29.722	32.078	36.712	72.7	0.007	1444.4	9	
G 6 1	20	-0.785	-0.786	1.10	1.08	34.010	27.343	29.726	32.083	36.717	72.2	0.015	1444.5	19	
G 6 1	30	-0.789	-0.790	1.10	1.08	34.014	27.346	29.730	32.087	36.721	71.9	0.022	1444.6	29	
G 6 1	40	-0.667	-0.668	1.23	1.20	34.055	27.374	29.756	32.111	36.741	69.2	0.029	1445.4	39	
G 6 1	50	-0.654	-0.655	1.25	1.21	34.071	27.387	29.768	32.123	36.752	68.0	0.036	1445.7	49	
G 6 1	60	-0.528	-0.530	1.39	1.34	34.077	27.386	29.766	32.118	36.744	68.0	0.043	1446.4	59	
G 6 1	70	-0.671	-0.673	1.26	1.20	34.184	27.479	29.860	32.215	36.844	59.2	0.049	1446.1	69	
G 6 1	80	-0.998	-1.000	0.94	0.88	34.257	27.551	29.937	32.296	36.935	52.2	0.054	1444.8	79	
G 6 1	90	-1.155	-1.157	0.79	0.73	34.273	27.570	29.958	32.320	36.963	50.4	0.060	1444.2	89	
G 6 1	100	-1.498	-1.500	0.46	0.39	34.326	27.624	30.018	32.384	37.037	45.1	0.064	1442.8	98	
G 6 1	125	-1.705	-1.708	0.27	0.18	34.353	27.652	30.049	32.419	37.078	42.2	0.075	1442.3	123	
G 6 1	150	-1.701	-1.704	0.30	0.18	34.363	27.660	30.057	32.427	37.085	41.3	0.086	1442.7	148	
G 6 1	175	-1.619	-1.623	0.40	0.27	34.430	27.713	30.108	32.476	37.131	36.3	0.095	1443.6	173	
G 6 1	200	-1.480	-1.485	0.56	0.41	34.486	27.754	30.146	32.512	37.163	32.4	0.104	1444.8	197	
G 6 1	225	-1.479	-1.484	0.58	0.42	34.524	27.785	30.177	32.543	37.193	29.4	0.112	1445.2	222	
G 6 1	250	-1.664	-1.670	0.42	0.23	34.534	27.799	30.194	32.562	37.218	27.8	0.119	1444.8	247	
G 6 1	275	-1.867	-1.873	0.24	0.03	34.556	27.822	30.220	32.592	37.254	25.3	0.125	1444.2	271	
G 6 1	300	-1.886	-1.892	0.24	0.01	34.563	27.828	30.227	32.599	37.261	24.5	0.132	1444.6	296	
G 6 1	325	-1.883	-1.890	0.26	0.02	34.575	27.838	30.237	32.608	37.271	23.5	0.138	1445.0	321	
G 6 1	350	-1.955	-1.963	0.21	-0.06	34.581	27.845	30.244	32.617	37.282	22.6	0.143	1445.1	345	
G 6 1	375	-2.022	-2.030	0.16	-0.12	34.587	27.851	30.252	32.626	37.293	21.8	0.149	1445.2	370	
G 6 1	400	-1.895	-1.904	0.31	0.00	34.591	27.851	30.250	32.622	37.285	21.8	0.154	1446.2	395	
G 6 1	425	-1.876	-1.886	0.34	0.02	34.601	27.859	30.257	32.629	37.291	20.9	0.160	1446.7	420	
G 6 1	450	-1.851	-1.862	0.39	0.05	34.607	27.863	30.261	32.632	37.294	20.4	0.165	1447.2	444	
G 6 1	475	-1.821	-1.832	0.44	0.08	34.617	27.871	30.268	32.639	37.299	19.6	0.170	1447.8	469	
G 6 1	489	-1.814	-1.826	0.46	0.09	34.618	27.871	30.269	32.639	37.299	19.5	0.173	1448.1	483	



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.992	179.580	658	1007.1	110	5.1	-6.6	870	0728	03	FEB	1983	GL	83	1	G 7

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G 7 1	0	-0.691	-0.691	1.16	1.16	33.820	27.185	29.568	31.925	36.557	87.2	0.000	1444.4	0	
G 7 1	10	-0.707	-0.707	1.16	1.15	33.891	27.243	29.626	31.983	36.615	81.7	0.008	1444.5	9	
G 7 1	20	-0.656	-0.657	1.22	1.20	33.917	27.262	29.644	32.000	36.631	79.9	0.017	1445.0	19	
G 7 1	30	-0.638	-0.639	1.25	1.22	33.927	27.270	29.651	32.006	36.637	79.1	0.025	1445.2	29	
G 7 1	40	-0.454	-0.455	1.44	1.41	33.935	27.268	29.647	31.999	36.624	79.3	0.032	1446.3	39	
G 7 1	50	-0.367	-0.369	1.54	1.50	34.056	27.362	29.739	32.090	36.711	70.4	0.040	1447.0	49	
G 7 1	60	-0.369	-0.371	1.55	1.50	34.129	27.421	29.798	32.148	36.769	64.7	0.047	1447.2	59	
G 7 1	70	-0.342	-0.344	1.58	1.53	34.146	27.434	29.810	32.160	36.779	63.5	0.053	1447.6	69	
G 7 1	80	-0.067	-0.070	1.87	1.81	34.261	27.513	29.885	32.230	36.841	56.1	0.059	1449.1	79	
G 7 1	90	-0.586	-0.589	1.37	1.30	34.335	27.598	29.977	32.329	36.955	47.9	0.064	1447.0	89	
G 7 1	100	-0.595	-0.598	1.37	1.29	34.354	27.613	29.993	32.345	36.971	46.4	0.069	1447.1	98	
G 7 1	125	-1.518	-1.521	0.46	0.37	34.340	27.636	30.030	32.397	37.050	43.8	0.080	1443.2	123	
G 7 1	150	-1.688	-1.691	0.31	0.20	34.408	27.697	30.093	32.462	37.120	37.9	0.090	1442.9	148	
G 7 1	175	-1.724	-1.728	0.30	0.17	34.448	27.730	30.127	32.496	37.155	34.6	0.100	1443.1	173	
G 7 1	200	-1.861	-1.865	0.18	0.03	34.530	27.801	30.199	32.570	37.233	27.7	0.107	1443.0	197	
G 7 1	225	-1.938	-1.943	0.13	-0.04	34.530	27.803	30.202	32.575	37.240	27.4	0.114	1443.0	222	
G 7 1	250	-1.875	-1.880	0.21	0.02	34.533	27.804	30.202	32.574	37.236	27.2	0.121	1443.8	247	
G 7 1	275	-1.924	-1.930	0.18	-0.03	34.538	27.809	30.208	32.581	37.245	26.5	0.128	1443.9	271	
G 7 1	300	-1.881	-1.887	0.24	0.02	34.539	27.809	30.207	32.579	37.242	26.4	0.134	1444.6	296	
G 7 1	325	-1.934	-1.941	0.21	-0.04	34.541	27.812	30.211	32.584	37.248	25.9	0.141	1444.7	321	
G 7 1	350	-1.906	-1.914	0.25	-0.01	34.543	27.813	30.212	32.584	37.247	25.7	0.147	1445.3	345	
G 7 1	375	-1.897	-1.905	0.28	0.00	34.547	27.816	30.215	32.586	37.250	25.3	0.154	1445.7	370	
G 7 1	400	-1.872	-1.881	0.33	0.03	34.551	27.818	30.217	32.588	37.251	24.9	0.160	1446.2	395	
G 7 1	425	-1.834	-1.844	0.38	0.06	34.552	27.818	30.216	32.587	37.248	24.8	0.166	1446.8	420	
G 7 1	444	-1.813	-1.823	0.42	0.08	34.559	27.823	30.221	32.591	37.252	24.3	0.171	1447.3	438	

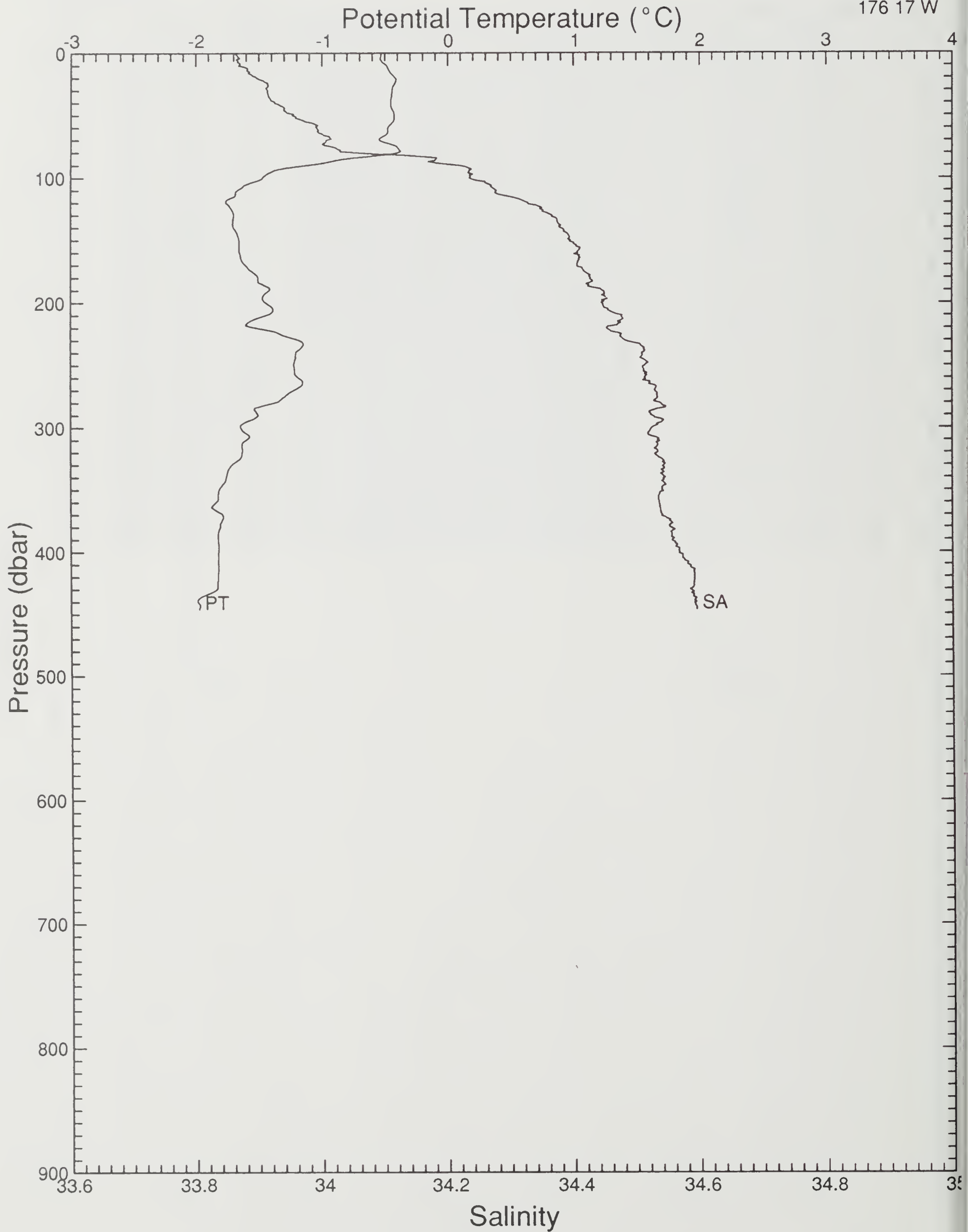


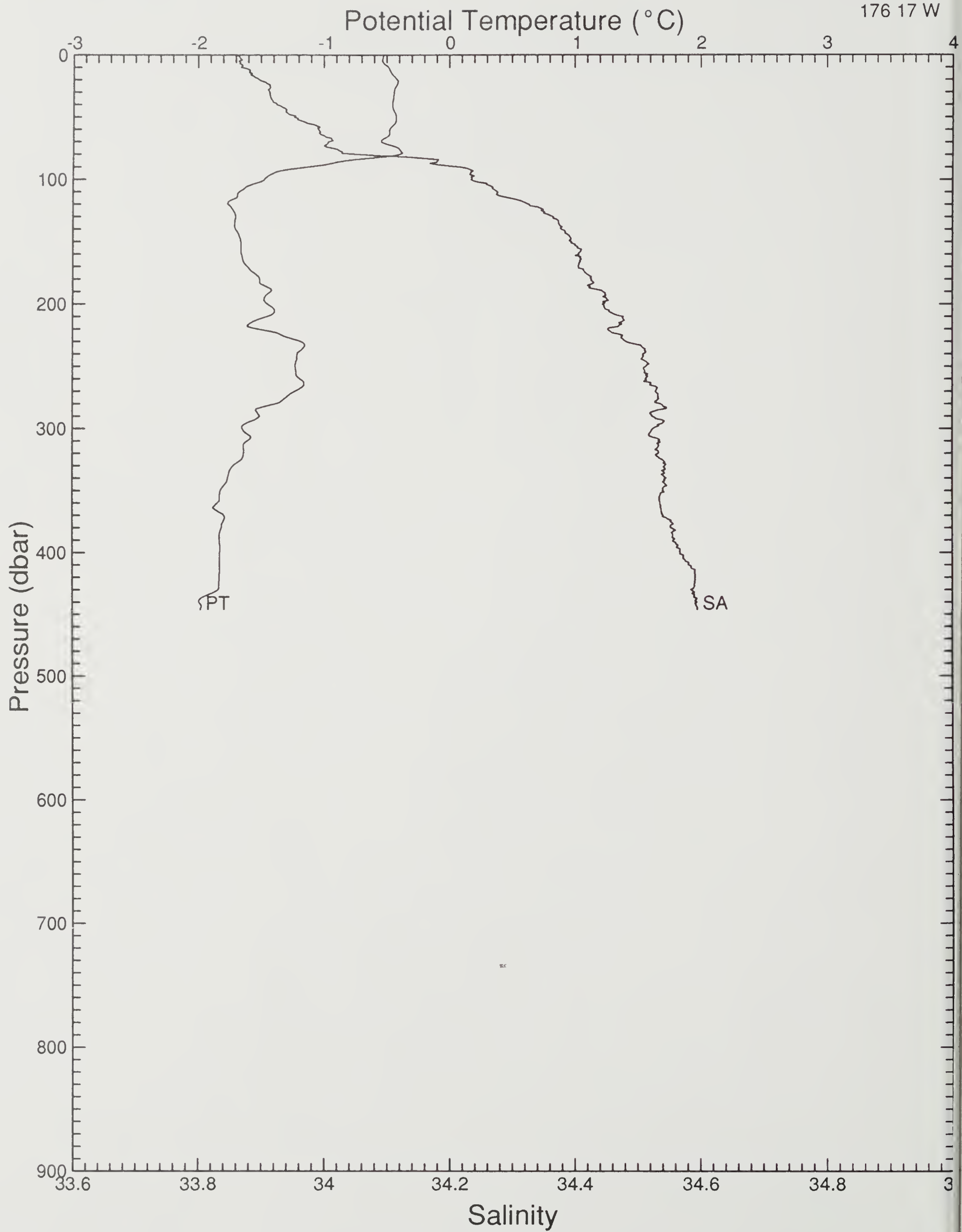
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.112	-178.618	701	1007.1	130	3.6	-6.7	650	0733	03	FEB	1983	GL	83	1	G 8

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G 8	1	0	-0.569	-0.569	1.29	1.29	33.898	27.243	29.624	31.978	36.607	81.7	0.000	1445.0	0
G 8	1	10	-0.613	-0.613	1.26	1.25	33.923	27.265	29.647	32.001	36.631	79.6	0.008	1445.0	9
G 8	1	20	-0.644	-0.645	1.23	1.22	33.928	27.271	29.653	32.008	36.638	79.1	0.016	1445.0	19
G 8	1	30	-0.659	-0.660	1.22	1.20	33.926	27.270	29.652	32.007	36.638	79.1	0.024	1445.1	29
G 8	1	40	-0.638	-0.639	1.25	1.22	33.933	27.274	29.656	32.011	36.641	78.6	0.032	1445.4	39
G 8	1	50	-0.611	-0.612	1.29	1.25	33.932	27.272	29.654	32.009	36.638	78.8	0.040	1445.7	49
G 8	1	60	-0.591	-0.593	1.32	1.27	33.962	27.296	29.677	32.031	36.660	76.5	0.047	1446.0	59
G 8	1	70	-0.570	-0.572	1.35	1.30	34.011	27.335	29.715	32.069	36.696	72.9	0.055	1446.3	69
G 8	1	80	-0.560	-0.562	1.37	1.31	34.035	27.354	29.734	32.087	36.714	71.0	0.062	1446.6	79
G 8	1	90	-0.511	-0.514	1.44	1.37	34.253	27.528	29.906	32.258	36.882	54.5	0.068	1447.2	89
G 8	1	100	-1.783	-1.785	0.18	0.10	34.318	27.626	30.024	32.395	37.057	44.8	0.073	1441.5	98
G 8	1	125	-1.912	-1.914	0.07	-0.03	34.328	27.638	30.038	32.411	37.076	43.6	0.084	1441.3	123
G 8	1	150	-1.799	-1.802	0.20	0.09	34.347	27.650	30.048	32.420	37.081	42.3	0.095	1442.2	148
G 8	1	175	-1.673	-1.677	0.35	0.21	34.401	27.691	30.087	32.456	37.113	38.4	0.105	1443.3	173
G 8	1	200	-1.393	-1.398	0.65	0.50	34.453	27.724	30.116	32.480	37.129	35.2	0.114	1445.1	197
G 8	1	225	-1.281	-1.287	0.78	0.61	34.484	27.746	30.135	32.498	37.143	33.2	0.123	1446.1	222
G 8	1	250	-1.171	-1.178	0.91	0.72	34.530	27.779	30.167	32.527	37.169	30.0	0.131	1447.1	247
G 8	1	275	-1.594	-1.601	0.51	0.30	34.535	27.797	30.191	32.559	37.213	27.8	0.138	1445.5	271
G 8	1	300	-1.815	-1.822	0.31	0.08	34.555	27.820	30.217	32.588	37.249	25.4	0.145	1444.9	296
G 8	1	325	-2.060	-2.067	0.08	-0.16	34.571	27.839	30.241	32.615	37.283	23.2	0.151	1444.1	321
G 8	1	350	-2.020	-2.027	0.14	-0.12	34.586	27.850	30.251	32.625	37.292	22.0	0.156	1444.8	345
G 8	1	375	-2.012	-2.020	0.17	-0.11	34.600	27.862	30.262	32.636	37.302	20.8	0.162	1445.2	370
G 8	1	400	-1.970	-1.979	0.23	-0.07	34.610	27.869	30.269	32.641	37.306	20.1	0.167	1445.9	395
G 8	1	425	-1.919	-1.929	0.30	-0.02	34.628	27.882	30.281	32.653	37.316	18.7	0.172	1446.5	419
G 8	1	450	-1.887	-1.897	0.35	0.01	34.636	27.888	30.286	32.658	37.320	18.1	0.176	1447.1	444
G 8	1	475	-1.864	-1.875	0.40	0.04	34.649	27.898	30.296	32.667	37.328	17.0	0.181	1447.6	469
G 8	1	500	-1.848	-1.860	0.43	0.06	34.664	27.910	30.307	32.678	37.339	15.8	0.185	1448.1	494
G 8	1	509	-1.845	-1.857	0.44	0.06	34.667	27.912	30.310	32.680	37.341	15.6	0.186	1448.3	502

GL_83 9

78 10 S
176 17 W





LATITUDE LONGITUDE DEPTH BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-78.168 -176.276 558 1007.8 140 4.2 -8.5 510 0737 03 FEB 1983 GL 83 1 G 9

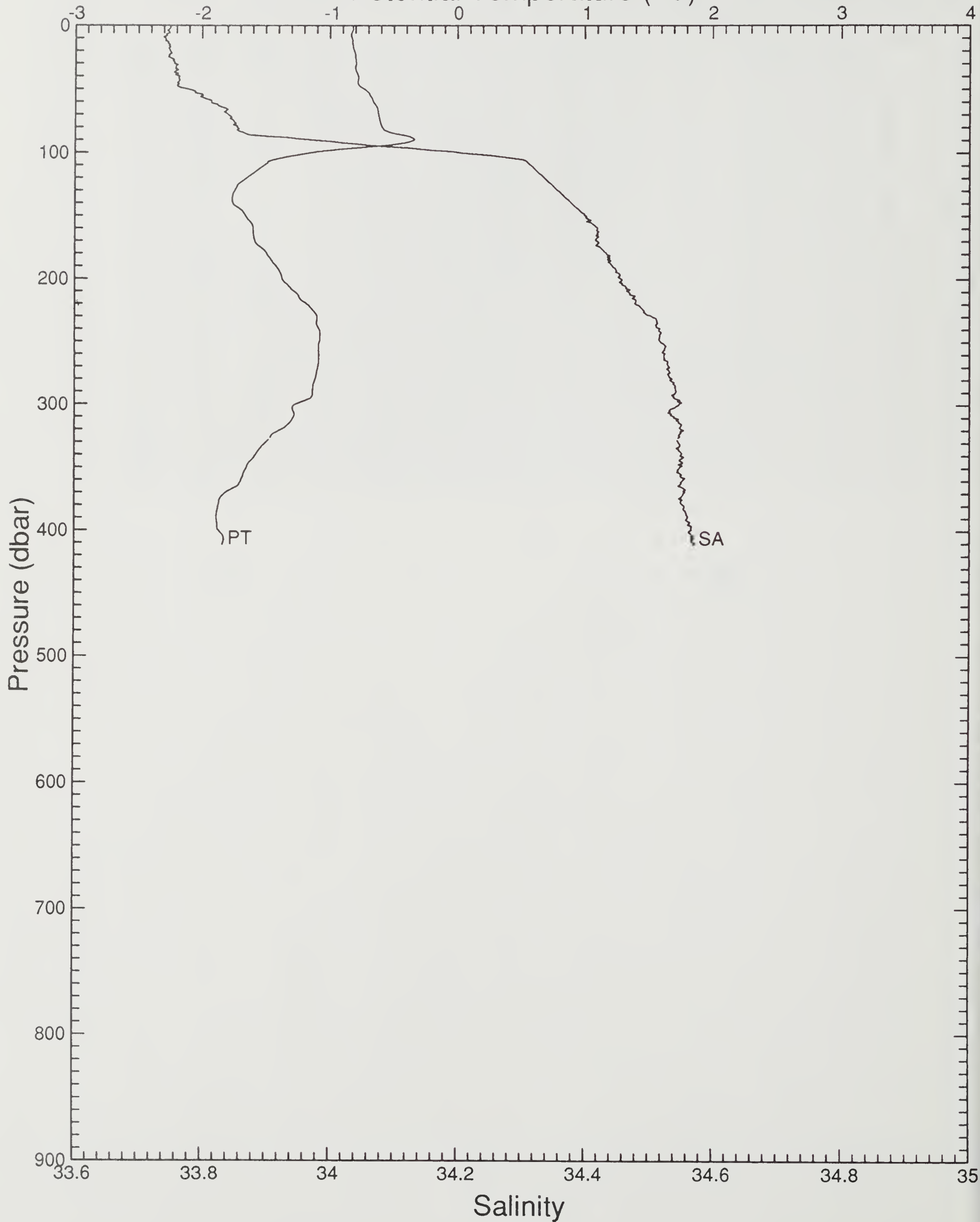
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G 9 1	0	-0.526	-0.526	1.33	1.33	33.861	27.211	29.592	31.945	36.573	84.7	0.000	1445.2	0	
G 9 1	10	-0.485	-0.485	1.38	1.37	33.868	27.215	29.595	31.948	36.574	84.3	0.008	1445.5	9	
G 9 1	20	-0.415	-0.416	1.46	1.44	33.897	27.236	29.614	31.966	36.590	82.4	0.017	1446.1	19	
G 9 1	30	-0.441	-0.442	1.44	1.42	33.914	27.251	29.629	31.982	36.606	81.0	0.025	1446.1	29	
G 9 1	40	-0.451	-0.452	1.44	1.41	33.925	27.260	29.639	31.991	36.616	80.0	0.033	1446.3	39	
G 9 1	50	-0.423	-0.425	1.48	1.44	33.953	27.281	29.660	32.011	36.635	78.0	0.041	1446.6	49	
G 9 1	60	-0.474	-0.476	1.44	1.39	33.992	27.315	29.694	32.046	36.671	74.8	0.049	1446.6	59	
G 9 1	70	-0.541	-0.543	1.38	1.32	34.007	27.330	29.710	32.063	36.690	73.3	0.056	1446.4	69	
G 9 1	80	-0.396	-0.399	1.53	1.47	34.058	27.365	29.743	32.093	36.715	70.0	0.063	1447.3	79	
G 9 1	90	-1.129	-1.131	0.82	0.75	34.219	27.525	29.913	32.275	36.917	54.6	0.069	1444.3	89	
G 9 1	100	-1.466	-1.468	0.49	0.41	34.235	27.549	29.943	32.309	36.962	52.2	0.075	1442.9	98	
G 9 1	125	-1.710	-1.713	0.27	0.18	34.347	27.648	30.044	32.414	37.073	42.7	0.087	1442.3	123	
G 9 1	150	-1.650	-1.653	0.35	0.24	34.396	27.686	30.081	32.450	37.107	39.0	0.097	1443.0	148	
G 9 1	174	-1.545	-1.549	0.48	0.34	34.418	27.701	30.094	32.461	37.115	37.5	0.106	1444.0	172	
G 9 1	200	-1.434	-1.439	0.61	0.46	34.445	27.719	30.111	32.476	37.126	35.7	0.115	1444.9	197	
G 9 1	225	-1.317	-1.323	0.74	0.57	34.478	27.742	30.132	32.495	37.141	33.5	0.124	1445.9	222	
G 9 1	250	-1.211	-1.218	0.87	0.68	34.515	27.768	30.157	32.518	37.161	31.0	0.132	1446.9	247	
G 9 1	275	-1.282	-1.289	0.82	0.61	34.534	27.786	30.176	32.538	37.183	29.1	0.140	1447.0	271	
G 9 1	300	-1.632	-1.639	0.49	0.26	34.526	27.791	30.186	32.554	37.209	28.3	0.147	1445.7	296	
G 9 1	325	-1.636	-1.644	0.51	0.26	34.540	27.803	30.197	32.565	37.221	27.1	0.154	1446.1	321	
G 9 1	350	-1.804	-1.812	0.36	0.09	34.541	27.808	30.206	32.576	37.237	26.2	0.160	1445.7	345	
G 9 1	375	-1.781	-1.790	0.40	0.12	34.553	27.817	30.214	32.584	37.244	25.2	0.167	1446.3	370	
G 9 1	400	-1.808	-1.817	0.39	0.09	34.569	27.831	30.229	32.599	37.259	23.8	0.173	1446.6	395	
G 9 1	425	-1.814	-1.824	0.40	0.09	34.592	27.850	30.247	32.618	37.278	21.9	0.179	1447.0	419	
G 9 1	446	-1.962	-1.972	0.27	-0.06	34.596	27.857	30.257	32.630	37.295	20.9	0.183	1446.6	440	

GL_83 10

78 12 S

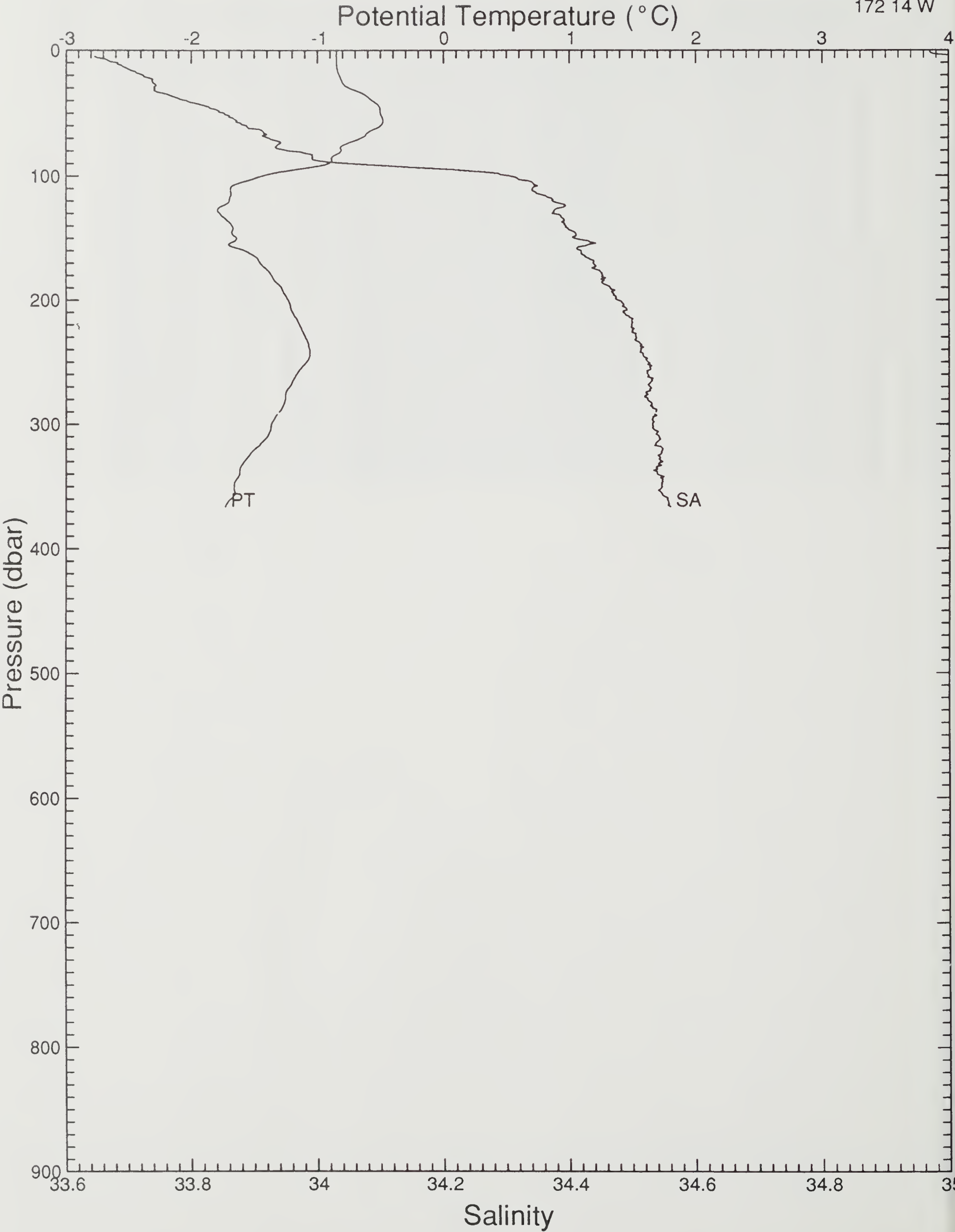
174 35 W

Potential Temperature ($^{\circ}\text{C}$)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.193	-174.588	532	1007.8	150	5.1	-12.9	485	0746	03	FEB	1983	GL	83	2	G10

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G10	2	0	-0.821	-0.821	1.03	1.03	33.751	27.134	29.520	31.878	36.516	92.0	0.000	1443.7	0
G10	2	10	-0.829	-0.829	1.03	1.02	33.742	27.127	29.513	31.872	36.509	92.7	0.009	1443.8	9
G10	2	20	-0.810	-0.811	1.06	1.04	33.749	27.132	29.518	31.876	36.513	92.2	0.019	1444.0	19
G10	2	30	-0.795	-0.796	1.08	1.06	33.756	27.137	29.522	31.881	36.517	91.6	0.028	1444.3	29
G10	2	40	-0.776	-0.777	1.11	1.08	33.765	27.144	29.529	31.887	36.522	91.0	0.037	1444.5	39
G10	2	50	-0.728	-0.729	1.16	1.12	33.777	27.152	29.536	31.893	36.527	90.2	0.046	1444.9	49
G10	2	60	-0.656	-0.658	1.24	1.20	33.815	27.180	29.562	31.918	36.550	87.5	0.055	1445.5	59
G10	2	70	-0.616	-0.618	1.29	1.24	33.841	27.199	29.581	31.936	36.566	85.7	0.063	1445.9	69
G10	2	80	-0.586	-0.588	1.33	1.27	33.855	27.209	29.591	31.945	36.575	84.7	0.072	1446.2	79
G10	2	90	-0.340	-0.343	1.59	1.52	33.977	27.297	29.674	32.024	36.646	76.4	0.080	1447.7	89
G10	2	100	-1.146	-1.149	0.81	0.73	34.207	27.516	29.905	32.266	36.909	55.4	0.087	1444.4	98
G10	2	125	-1.711	-1.714	0.27	0.17	34.349	27.649	30.046	32.416	37.075	42.5	0.099	1442.3	123
G10	2	150	-1.651	-1.654	0.35	0.24	34.404	27.692	30.088	32.457	37.113	38.4	0.109	1443.0	148
G10	2	175	-1.530	-1.534	0.49	0.36	34.426	27.707	30.100	32.467	37.120	36.9	0.118	1444.0	173
G10	2	200	-1.362	-1.367	0.68	0.53	34.460	27.729	30.120	32.484	37.131	34.8	0.127	1445.3	197
G10	2	225	-1.121	-1.127	0.94	0.77	34.494	27.748	30.135	32.495	37.135	33.1	0.136	1446.9	222
G10	2	250	-1.068	-1.075	1.02	0.83	34.520	27.767	30.153	32.512	37.151	31.2	0.144	1447.6	247
G10	2	275	-1.091	-1.099	1.01	0.80	34.531	27.777	30.163	32.523	37.162	30.2	0.151	1447.9	271
G10	2	300	-1.262	-1.270	0.86	0.63	34.548	27.797	30.186	32.548	37.192	28.0	0.159	1447.5	296
G10	2	325	-1.445	-1.453	0.70	0.45	34.550	27.805	30.197	32.561	37.211	27.0	0.166	1447.1	321
G10	2	350	-1.636	-1.644	0.52	0.26	34.549	27.810	30.205	32.573	37.228	26.2	0.172	1446.6	345
G10	2	375	-1.845	-1.853	0.33	0.05	34.554	27.820	30.218	32.589	37.251	24.9	0.179	1446.0	370
G10	2	400	-1.851	-1.860	0.35	0.05	34.564	27.828	30.226	32.597	37.259	24.0	0.185	1446.4	395
G10	2	411	-1.821	-1.831	0.39	0.08	34.571	27.833	30.231	32.601	37.262	23.5	0.187	1446.7	406

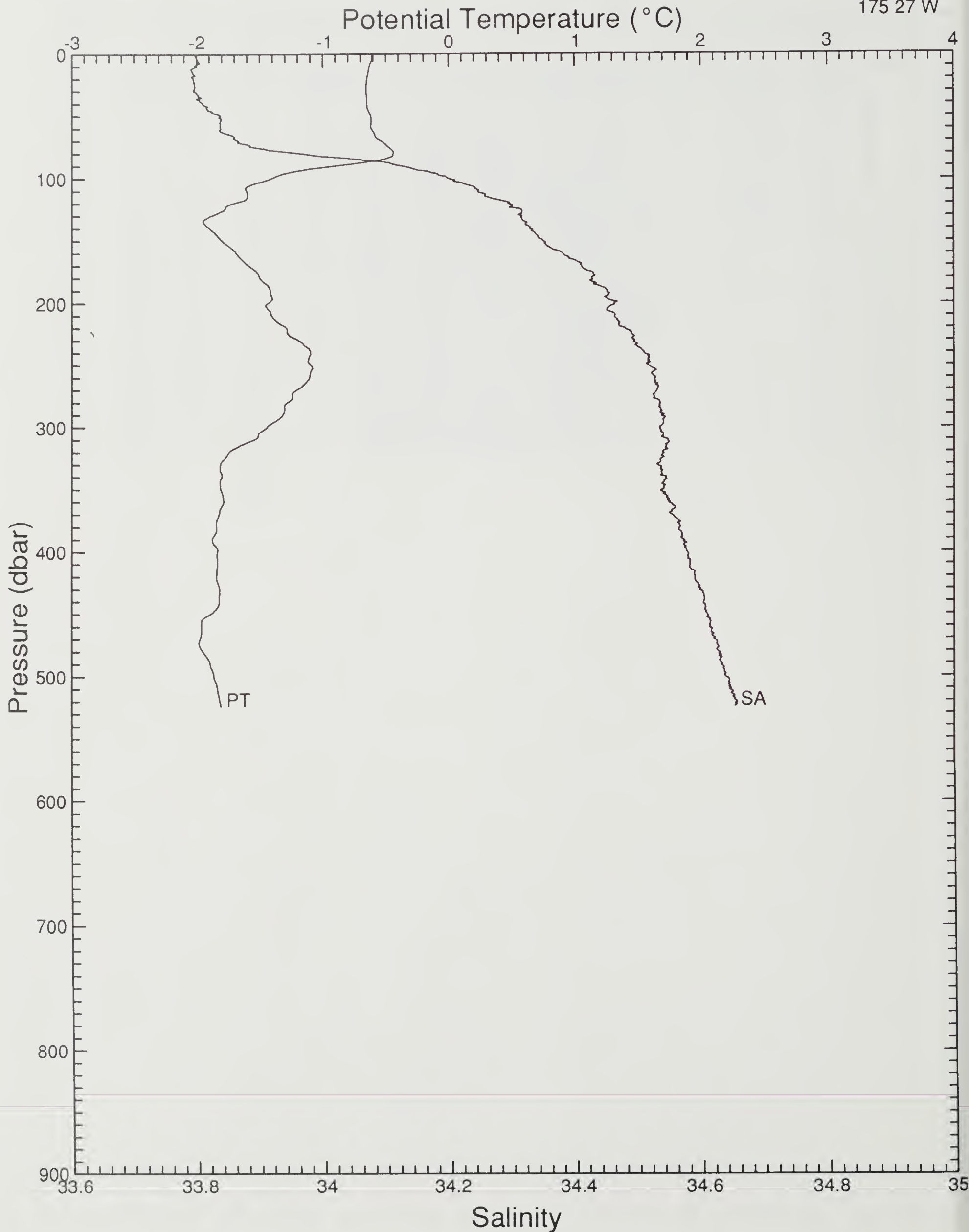


LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.250	-172.233	412	1012.2	150	4.2	-11.3	1145	0752	03	FEB	1983	GL	83	1	G11

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G11	1	0	-0.848	-0.848	0.99	0.99	33.571	26.990	29.376	31.736	36.376	105.8	0.000	1443.3	0
G11	1	10	-0.847	-0.847	1.01	1.00	33.683	27.080	29.466	31.826	36.464	97.1	0.010	1443.6	9
G11	1	20	-0.825	-0.826	1.04	1.02	33.724	27.113	29.498	31.857	36.495	94.0	0.020	1443.9	19
G11	1	30	-0.750	-0.751	1.12	1.10	33.742	27.124	29.509	31.866	36.502	92.9	0.029	1444.5	29
G11	1	40	-0.566	-0.567	1.32	1.29	33.793	27.158	29.539	31.894	36.523	89.7	0.038	1445.5	39
G11	1	50	-0.498	-0.499	1.40	1.36	33.853	27.204	29.584	31.937	36.564	85.3	0.047	1446.1	49
G11	1	60	-0.493	-0.495	1.41	1.37	33.888	27.232	29.612	31.965	36.591	82.6	0.055	1446.3	59
G11	1	70	-0.652	-0.654	1.26	1.21	33.924	27.268	29.650	32.005	36.636	79.2	0.063	1445.8	69
G11	1	80	-0.807	-0.809	1.12	1.06	33.955	27.299	29.683	32.041	36.676	76.1	0.071	1445.3	79
G11	1	90	-0.905	-0.907	1.03	0.96	34.048	27.378	29.764	32.122	36.760	68.6	0.078	1445.1	89
G11	1	100	-1.432	-1.434	0.53	0.45	34.305	27.605	29.998	32.363	37.014	46.9	0.084	1443.1	98
G11	1	125	-1.770	-1.773	0.21	0.12	34.391	27.685	30.083	32.453	37.114	39.1	0.095	1442.0	123
G11	1	150	-1.634	-1.637	0.37	0.25	34.408	27.695	30.090	32.459	37.115	38.1	0.105	1443.1	148
G11	1	175	-1.395	-1.399	0.63	0.49	34.441	27.715	30.106	32.470	37.119	36.3	0.114	1444.7	173
G11	1	200	-1.224	-1.229	0.82	0.67	34.477	27.738	30.127	32.488	37.131	34.0	0.123	1446.0	197
G11	1	225	-1.110	-1.116	0.95	0.78	34.500	27.753	30.139	32.499	37.139	32.6	0.131	1447.0	222
G11	1	250	-1.078	-1.085	1.01	0.82	34.525	27.772	30.158	32.517	37.156	30.8	0.139	1447.5	247
G11	1	275	-1.241	-1.248	0.86	0.65	34.522	27.775	30.164	32.526	37.169	30.2	0.147	1447.2	271
G11	1	300	-1.357	-1.365	0.76	0.54	34.532	27.787	30.178	32.541	37.188	28.9	0.154	1447.0	296
G11	1	325	-1.531	-1.539	0.61	0.36	34.540	27.799	30.193	32.559	37.211	27.5	0.161	1446.6	321
G11	1	350	-1.651	-1.659	0.51	0.24	34.547	27.809	30.204	32.572	37.228	26.3	0.168	1446.5	345
G11	1	366	-1.719	-1.728	0.45	0.18	34.560	27.821	30.217	32.586	37.244	25.0	0.172	1446.4	361

GL_83 12

78 8 S
175 27 W

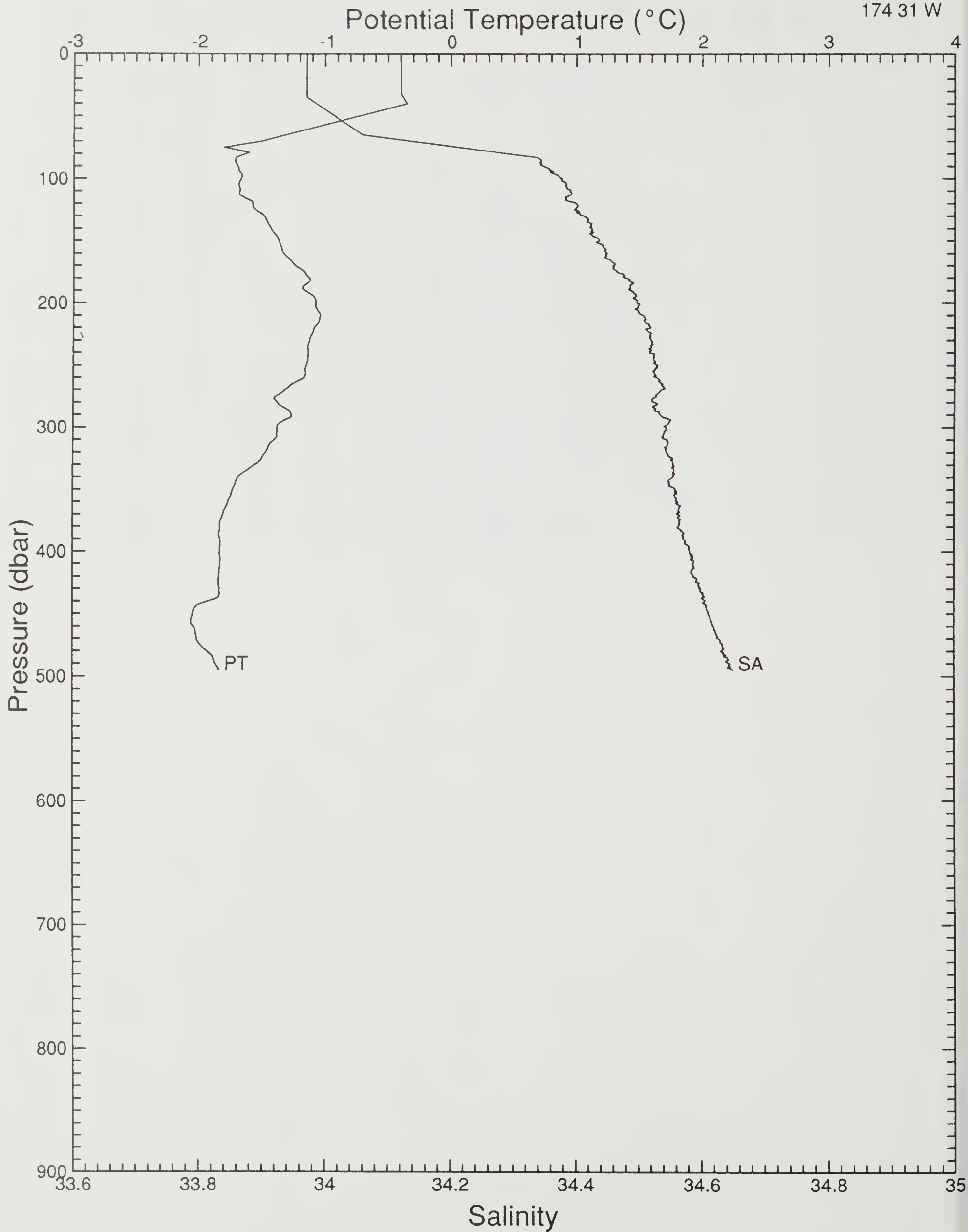


LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.128	-175.450	#550	1014.9	115	2.1	-5.0	5485	0756	03	FEB	1983	GL	83	1	G12

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G12	1	0	-0.608	-0.608	1.25	1.25	33.799	27.165	29.547	31.902	36.532	89.2	0.000	1444.7	0
G12	1	10	-0.630	-0.630	1.23	1.22	33.799	27.166	29.548	31.903	36.534	89.0	0.009	1444.8	9
G12	1	20	-0.648	-0.649	1.22	1.21	33.795	27.163	29.546	31.901	36.533	89.2	0.018	1444.8	19
G12	1	30	-0.654	-0.655	1.22	1.20	33.795	27.163	29.546	31.902	36.534	89.2	0.027	1445.0	29
G12	1	40	-0.650	-0.651	1.23	1.20	33.809	27.175	29.557	31.913	36.545	88.1	0.036	1445.2	39
G12	1	50	-0.618	-0.619	1.27	1.24	33.838	27.197	29.579	31.934	36.564	86.0	0.044	1445.5	49
G12	1	60	-0.613	-0.615	1.29	1.24	33.839	27.197	29.579	31.934	36.565	85.9	0.053	1445.7	59
G12	1	70	-0.532	-0.534	1.38	1.32	33.867	27.217	29.597	31.951	36.578	84.0	0.061	1446.3	69
G12	1	80	-0.439	-0.441	1.48	1.42	33.970	27.296	29.674	32.026	36.650	76.5	0.069	1447.0	79
G12	1	90	-0.951	-0.953	0.99	0.92	34.130	27.446	29.832	32.191	36.829	62.1	0.076	1445.0	89
G12	1	100	-1.416	-1.418	0.54	0.46	34.201	27.520	29.913	32.279	36.930	55.0	0.082	1443.1	98
G12	1	125	-1.780	-1.783	0.20	0.10	34.316	27.624	30.022	32.393	37.055	44.9	0.095	1441.9	123
G12	1	150	-1.790	-1.793	0.21	0.10	34.350	27.652	30.050	32.421	37.083	42.1	0.106	1442.3	148
G12	1	175	-1.517	-1.521	0.50	0.37	34.429	27.709	30.102	32.468	37.121	36.7	0.115	1444.1	173
G12	1	200	-1.434	-1.439	0.61	0.46	34.463	27.734	30.126	32.491	37.140	34.3	0.124	1445.0	197
G12	1	225	-1.265	-1.271	0.80	0.63	34.490	27.750	30.139	32.501	37.146	32.8	0.133	1446.2	222
G12	1	250	-1.086	-1.093	1.00	0.81	34.517	27.765	30.152	32.511	37.150	31.3	0.141	1447.5	247
G12	1	275	-1.234	-1.241	0.87	0.66	34.526	27.778	30.167	32.528	37.172	29.9	0.148	1447.2	271
G12	1	300	-1.439	-1.447	0.68	0.46	34.534	27.792	30.183	32.548	37.198	28.4	0.156	1446.7	296
G12	1	325	-1.774	-1.781	0.37	0.12	34.540	27.807	30.204	32.574	37.233	26.5	0.163	1445.5	321
G12	1	350	-1.800	-1.808	0.36	0.10	34.542	27.809	30.206	32.577	37.237	26.2	0.169	1445.8	345
G12	1	375	-1.833	-1.842	0.35	0.06	34.565	27.829	30.226	32.597	37.258	24.1	0.175	1446.0	370
G12	1	400	-1.826	-1.835	0.37	0.07	34.578	27.839	30.237	32.607	37.268	23.0	0.181	1446.5	395
G12	1	425	-1.821	-1.831	0.40	0.08	34.593	27.851	30.249	32.619	37.280	21.8	0.187	1447.0	419
G12	1	450	-1.886	-1.896	0.35	0.01	34.610	27.867	30.265	32.637	37.299	20.1	0.192	1447.1	444
G12	1	475	-1.966	-1.977	0.29	-0.07	34.626	27.882	30.281	32.654	37.319	18.4	0.197	1447.1	469
G12	1	500	-1.852	-1.864	0.43	0.05	34.638	27.889	30.286	32.657	37.319	17.8	0.201	1448.1	494
G12	1	524	-1.794	-1.807	0.50	0.11	34.654	27.900	30.297	32.667	37.326	16.7	0.206	1448.8	517

GL_83 13

78 11 S
174 31 W



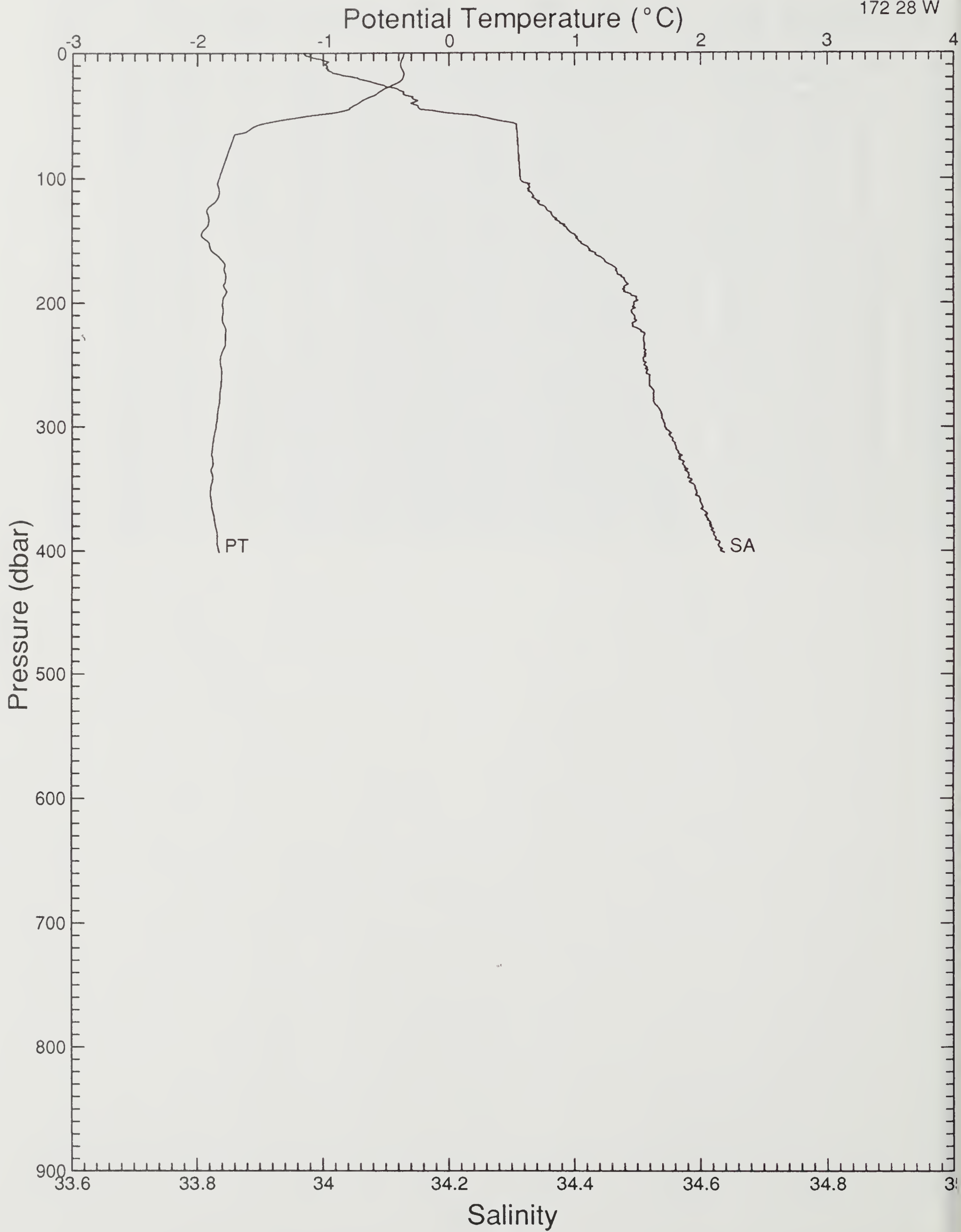
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.182	-174.523	#530	1016.6	300	1.5	-3.3	4435	0802	03	FEB	1983	GL	83	1	G13

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G13	1	0	-0.398	-0.398	1.46	1.46	33.971	27.295	29.673	32.024	36.647	76.9	0.000	1445.9	0
G13	1	10	-0.398	-0.398	1.47	1.46	33.971	27.295	29.673	32.024	36.647	76.8	0.008	1446.1	9
G13	1	20	-0.398	-0.399	1.48	1.46	33.971	27.295	29.673	32.024	36.647	76.8	0.015	1446.2	19
G13	1	30	-0.398	-0.399	1.49	1.46	33.971	27.295	29.673	32.024	36.647	76.8	0.023	1446.4	29
G13	1	40	-0.350	-0.351	1.54	1.51	33.986	27.305	29.682	32.032	36.654	75.8	0.031	1446.8	39
G13	1	50	-0.733	-0.734	1.17	1.13	34.016	27.346	29.728	32.085	36.717	71.9	0.038	1445.2	49
G13	1	60	-1.117	-1.118	0.80	0.75	34.045	27.384	29.772	32.134	36.778	68.1	0.045	1443.6	59
G13	1	70	-1.500	-1.502	0.43	0.37	34.137	27.471	29.865	32.233	36.887	59.8	0.052	1442.1	69
G13	1	80	-1.623	-1.625	0.32	0.26	34.292	27.601	29.996	32.365	37.022	47.4	0.057	1441.9	79
G13	1	90	-1.687	-1.689	0.27	0.20	34.348	27.648	30.044	32.414	37.072	42.9	0.061	1441.8	89
G13	1	100	-1.660	-1.662	0.30	0.23	34.378	27.671	30.067	32.436	37.094	40.6	0.066	1442.1	98
G13	1	125	-1.547	-1.550	0.44	0.34	34.397	27.684	30.078	32.445	37.098	39.4	0.076	1443.1	123
G13	1	150	-1.358	-1.362	0.65	0.53	34.437	27.710	30.101	32.465	37.112	36.8	0.085	1444.5	148
G13	1	174	-1.152	-1.157	0.87	0.74	34.464	27.725	30.112	32.473	37.114	35.4	0.094	1445.9	172
G13	1	200	-1.063	-1.069	0.98	0.83	34.497	27.748	30.134	32.493	37.132	33.2	0.103	1446.8	197
G13	1	225	-1.090	-1.096	0.97	0.80	34.519	27.767	30.154	32.513	37.152	31.3	0.111	1447.1	222
G13	1	250	-1.135	-1.142	0.95	0.76	34.531	27.779	30.166	32.526	37.166	30.1	0.118	1447.3	247
G13	1	275	-1.373	-1.380	0.73	0.52	34.529	27.785	30.176	32.540	37.187	29.2	0.126	1446.6	271
G13	1	300	-1.363	-1.371	0.76	0.53	34.544	27.797	30.188	32.551	37.198	27.9	0.133	1447.0	296
G13	1	325	-1.482	-1.490	0.66	0.42	34.556	27.811	30.203	32.569	37.219	26.4	0.140	1446.9	321
G13	1	350	-1.713	-1.721	0.45	0.18	34.558	27.820	30.215	32.584	37.242	25.3	0.146	1446.2	345
G13	1	375	-1.807	-1.816	0.37	0.09	34.565	27.828	30.225	32.596	37.256	24.2	0.152	1446.2	370
G13	1	400	-1.814	-1.823	0.39	0.08	34.583	27.843	30.240	32.611	37.271	22.7	0.158	1446.6	395
G13	1	425	-1.819	-1.829	0.40	0.08	34.598	27.855	30.253	32.623	37.284	21.4	0.164	1447.0	419
G13	1	450	-2.026	-2.036	0.21	-0.13	34.612	27.872	30.272	32.646	37.313	19.4	0.169	1446.4	444
G13	1	475	-1.962	-1.973	0.30	-0.06	34.634	27.888	30.288	32.660	37.325	17.8	0.173	1447.1	469
G13	1	495	-1.813	-1.825	0.46	0.09	34.651	27.898	30.295	32.665	37.325	17.0	0.177	1448.2	489

GL_83 14

78 14 S

172 28 W

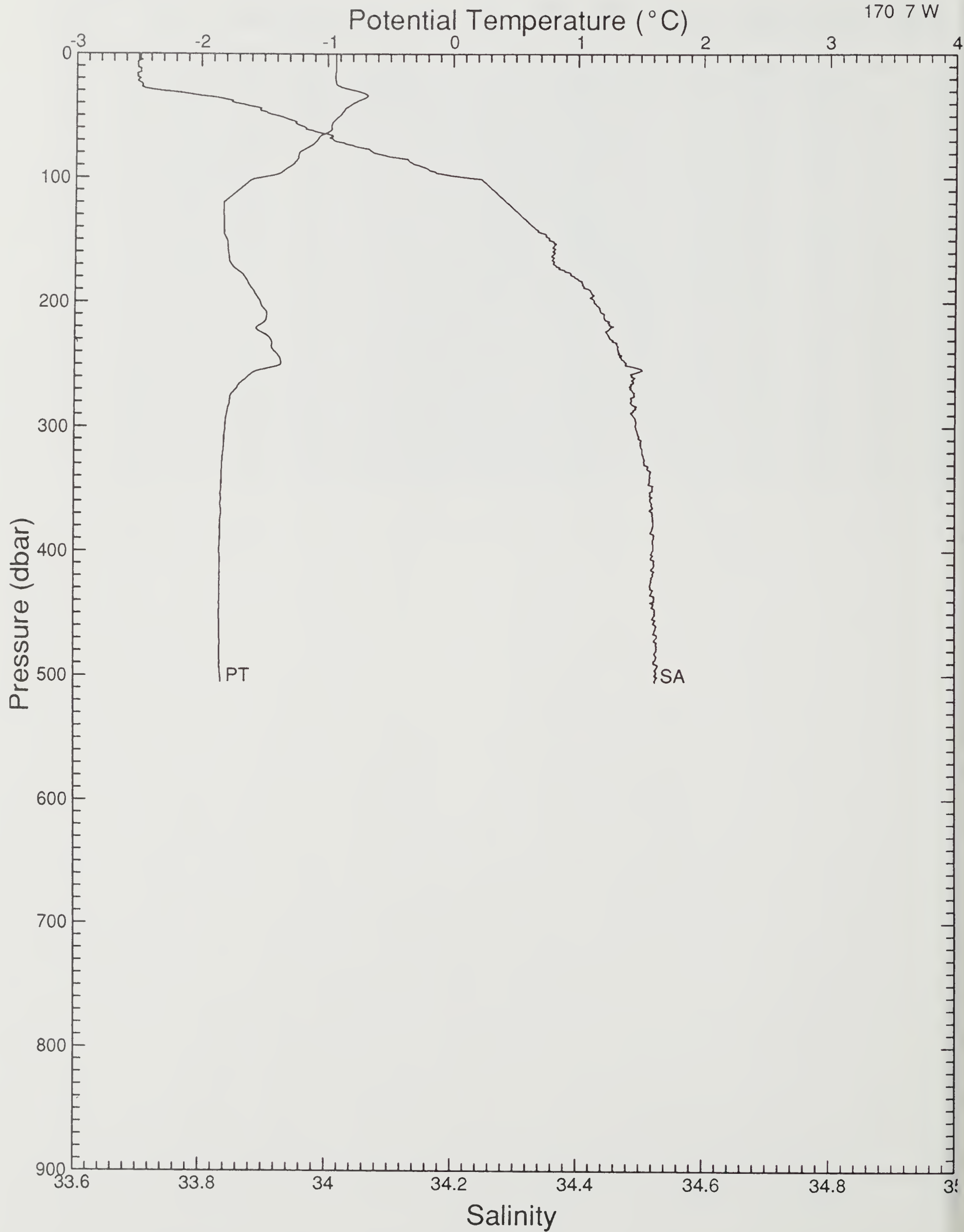


LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.230	-172.472	#420	1016.9	255	6.2	-2.2	3660	0814	03	FEB	1983	GL	83	1	G14

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G14	1	0	-0.359	-0.359	1.50	1.50	33.970	27.292	29.669	32.020	36.642	77.1	0.000	1446.1	0
G14	1	10	-0.385	-0.385	1.49	1.48	34.006	27.322	29.700	32.051	36.673	74.2	0.008	1446.2	9
G14	1	20	-0.365	-0.366	1.52	1.50	34.054	27.360	29.737	32.088	36.709	70.6	0.015	1446.5	19
G14	1	30	-0.530	-0.531	1.36	1.34	34.121	27.422	29.801	32.154	36.779	64.7	0.022	1446.0	29
G14	1	40	-0.715	-0.716	1.19	1.16	34.139	27.444	29.826	32.182	36.813	62.5	0.028	1445.3	39
G14	1	50	-1.093	-1.094	0.82	0.79	34.245	27.545	29.932	32.293	36.934	52.9	0.034	1443.8	49
G14	1	60	-1.565	-1.566	0.36	0.32	34.308	27.612	30.006	32.374	37.029	46.5	0.039	1441.9	59
G14	1	70	-1.717	-1.718	0.22	0.17	34.310	27.618	30.015	32.385	37.045	45.8	0.043	1441.3	69
G14	1	80	-1.752	-1.754	0.19	0.13	34.311	27.620	30.017	32.388	37.049	45.6	0.048	1441.3	79
G14	1	90	-1.786	-1.788	0.17	0.10	34.313	27.622	30.020	32.391	37.053	45.3	0.052	1441.3	89
G14	1	100	-1.820	-1.822	0.14	0.06	34.315	27.625	30.023	32.395	37.058	45.0	0.057	1441.3	98
G14	1	125	-1.916	-1.918	0.06	-0.03	34.357	27.661	30.061	32.434	37.100	41.3	0.068	1441.3	123
G14	1	150	-1.914	-1.917	0.09	-0.03	34.407	27.702	30.102	32.474	37.139	37.3	0.078	1441.8	148
G14	1	175	-1.774	-1.778	0.25	0.12	34.469	27.749	30.146	32.516	37.176	32.8	0.086	1442.9	173
G14	1	200	-1.789	-1.793	0.26	0.10	34.495	27.770	30.168	32.538	37.198	30.7	0.094	1443.3	197
G14	1	225	-1.765	-1.770	0.30	0.13	34.513	27.784	30.181	32.551	37.211	29.2	0.102	1443.9	222
G14	1	250	-1.804	-1.809	0.28	0.09	34.511	27.784	30.181	32.552	37.213	29.1	0.109	1444.1	247
G14	1	275	-1.809	-1.815	0.29	0.09	34.526	27.796	30.194	32.564	37.225	27.8	0.116	1444.5	271
G14	1	300	-1.838	-1.845	0.28	0.06	34.544	27.812	30.210	32.580	37.242	26.2	0.123	1444.8	296
G14	1	325	-1.868	-1.875	0.27	0.03	34.569	27.833	30.231	32.602	37.265	24.0	0.129	1445.1	321
G14	1	350	-1.880	-1.888	0.28	0.02	34.592	27.852	30.250	32.622	37.284	22.0	0.135	1445.4	345
G14	1	375	-1.851	-1.860	0.33	0.05	34.611	27.866	30.264	32.635	37.297	20.6	0.140	1446.0	370
G14	1	400	-1.815	-1.824	0.39	0.09	34.632	27.883	30.280	32.650	37.310	18.9	0.145	1446.6	395
G14	1	401	-1.814	-1.823	0.39	0.09	34.638	27.887	30.285	32.655	37.315	18.5	0.145	1446.7	396

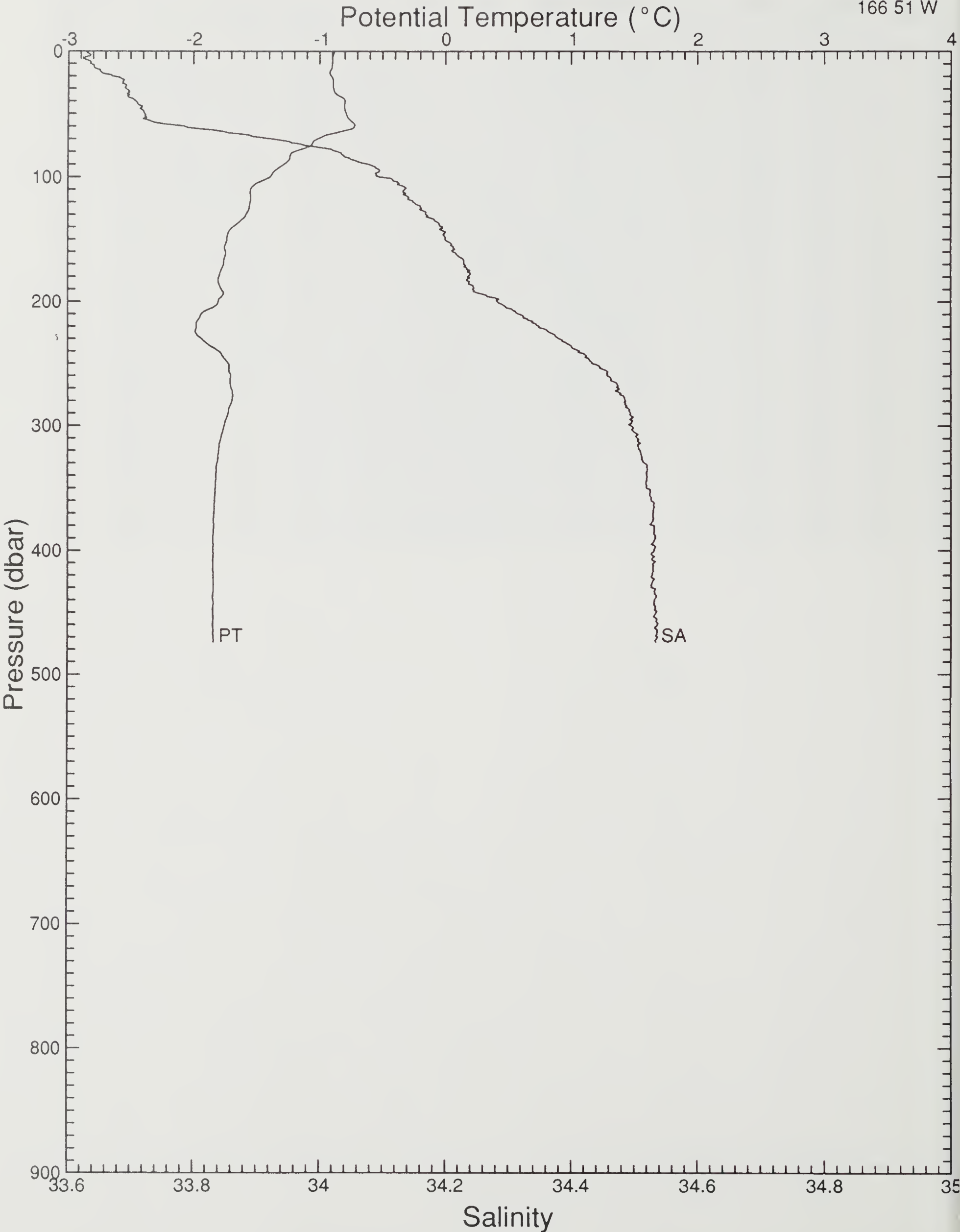
GL_83 15

78 16 S
170 7 W



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.270	-170.123	543	1015.6	290	4.2	0.0	615	0819	03	FEB	1983	GL	83	1	G15

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G15	1	0	-0.935	-0.935	0.91	0.91	33.703	27.100	29.487	31.848	36.489	95.3	0.000	1443.0	0
G15	1	10	-0.936	-0.936	0.92	0.91	33.699	27.097	29.484	31.845	36.486	95.6	0.010	1443.2	9
G15	1	20	-0.939	-0.940	0.92	0.91	33.703	27.100	29.487	31.848	36.489	95.2	0.019	1443.4	19
G15	1	30	-0.775	-0.776	1.10	1.08	33.734	27.119	29.504	31.862	36.498	93.4	0.029	1444.3	29
G15	1	40	-0.792	-0.793	1.09	1.06	33.855	27.218	29.602	31.960	36.595	84.0	0.037	1444.6	39
G15	1	50	-0.897	-0.898	1.00	0.96	33.920	27.274	29.660	32.019	36.657	78.6	0.046	1444.3	49
G15	1	60	-0.965	-0.967	0.94	0.90	33.966	27.314	29.701	32.061	36.700	74.8	0.053	1444.2	59
G15	1	70	-1.079	-1.081	0.84	0.79	34.010	27.354	29.742	32.104	36.747	70.9	0.061	1443.9	69
G15	1	80	-1.220	-1.222	0.71	0.65	34.074	27.411	29.801	32.164	36.811	65.5	0.067	1443.5	79
G15	1	90	-1.278	-1.280	0.66	0.59	34.146	27.471	29.862	32.226	36.874	59.7	0.074	1443.5	89
G15	1	100	-1.524	-1.526	0.43	0.35	34.227	27.545	29.939	32.307	36.961	52.6	0.079	1442.6	98
G15	1	125	-1.812	-1.814	0.16	0.07	34.298	27.611	30.009	32.381	37.044	46.2	0.092	1441.7	123
G15	1	150	-1.783	-1.786	0.22	0.10	34.354	27.655	30.053	32.424	37.086	41.8	0.102	1442.3	148
G15	1	175	-1.692	-1.696	0.33	0.20	34.380	27.674	30.070	32.440	37.098	39.9	0.113	1443.2	173
G15	1	200	-1.514	-1.519	0.53	0.38	34.427	27.707	30.100	32.467	37.119	36.8	0.122	1444.5	197
G15	1	225	-1.488	-1.493	0.57	0.40	34.449	27.724	30.117	32.483	37.134	35.1	0.131	1445.1	222
G15	1	250	-1.352	-1.358	0.73	0.54	34.478	27.743	30.134	32.497	37.145	33.2	0.140	1446.2	247
G15	1	275	-1.747	-1.753	0.35	0.15	34.492	27.767	30.163	32.533	37.192	30.6	0.148	1444.7	271
G15	1	300	-1.784	-1.791	0.34	0.11	34.495	27.770	30.168	32.538	37.198	30.1	0.155	1445.0	296
G15	1	325	-1.805	-1.812	0.33	0.09	34.508	27.781	30.179	32.550	37.210	28.9	0.163	1445.3	321
G15	1	350	-1.813	-1.821	0.34	0.08	34.521	27.792	30.190	32.561	37.222	27.7	0.170	1445.7	345
G15	1	375	-1.818	-1.827	0.36	0.08	34.522	27.793	30.191	32.562	37.223	27.5	0.177	1446.1	370
G15	1	400	-1.825	-1.834	0.37	0.07	34.521	27.793	30.190	32.561	37.223	27.4	0.184	1446.4	395
G15	1	425	-1.821	-1.831	0.39	0.07	34.519	27.791	30.189	32.560	37.221	27.4	0.190	1446.9	419
G15	1	450	-1.824	-1.835	0.41	0.07	34.525	27.796	30.194	32.565	37.226	26.8	0.197	1447.3	444
G15	1	475	-1.818	-1.829	0.44	0.08	34.527	27.797	30.195	32.566	37.227	26.5	0.204	1447.7	469
G15	1	500	-1.814	-1.826	0.46	0.08	34.525	27.796	30.193	32.564	37.225	26.6	0.211	1448.1	494
G15	1	505	-1.811	-1.823	0.46	0.08	34.526	27.796	30.194	32.565	37.226	26.5	0.212	1448.2	498



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.320	-166.843	#567	1014.6	295	3.2	0.6	950	0823	03	FEB	1983	GL	83	1	G16

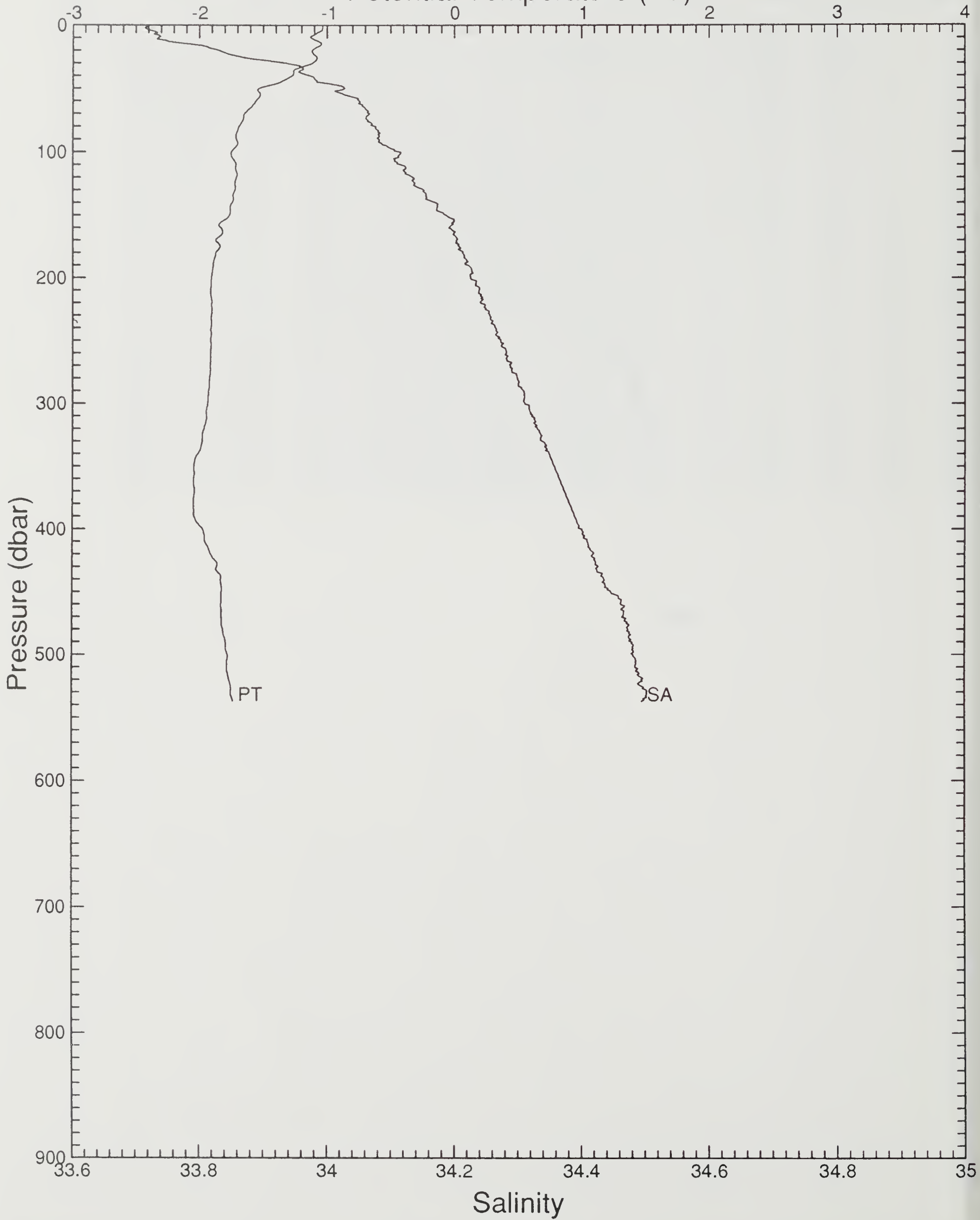
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G16	1	0	-0.885	-0.885	0.96	0.96	33.630	27.039	29.426	31.786	36.426	101.1	0.000	1443.2	0
G16	1	10	-0.900	-0.900	0.95	0.94	33.635	27.043	29.431	31.791	36.432	100.6	0.010	1443.3	9
G16	1	20	-0.906	-0.907	0.95	0.94	33.671	27.073	29.460	31.820	36.461	97.8	0.020	1443.5	19
G16	1	30	-0.887	-0.888	0.98	0.96	33.692	27.089	29.476	31.836	36.475	96.2	0.030	1443.7	29
G16	1	40	-0.795	-0.796	1.08	1.05	33.708	27.099	29.484	31.842	36.479	95.3	0.039	1444.4	39
G16	1	50	-0.786	-0.787	1.10	1.06	33.723	27.110	29.495	31.854	36.490	94.1	0.049	1444.6	49
G16	1	60	-0.720	-0.722	1.18	1.13	33.786	27.159	29.543	31.899	36.533	89.5	0.058	1445.1	59
G16	1	70	-1.014	-1.016	0.90	0.85	33.925	27.283	29.670	32.031	36.673	77.7	0.066	1444.1	69
G16	1	80	-1.196	-1.198	0.73	0.67	34.029	27.373	29.764	32.127	36.773	69.0	0.074	1443.6	79
G16	1	90	-1.278	-1.280	0.66	0.59	34.079	27.417	29.808	32.172	36.820	64.8	0.080	1443.4	89
G16	1	100	-1.383	-1.385	0.56	0.49	34.096	27.434	29.827	32.192	36.844	63.1	0.087	1443.1	98
G16	1	125	-1.550	-1.553	0.42	0.32	34.162	27.493	29.888	32.256	36.912	57.4	0.102	1442.8	123
G16	1	150	-1.725	-1.728	0.26	0.15	34.200	27.529	29.926	32.297	36.958	53.8	0.116	1442.4	148
G16	1	175	-1.773	-1.777	0.24	0.11	34.240	27.562	29.961	32.332	36.994	50.4	0.129	1442.6	173
G16	1	200	-1.793	-1.797	0.24	0.09	34.283	27.598	29.996	32.368	37.030	46.9	0.141	1443.0	197
G16	1	225	-1.974	-1.978	0.08	-0.09	34.367	27.671	30.072	32.446	37.113	39.7	0.152	1442.6	222
G16	1	250	-1.710	-1.716	0.37	0.18	34.433	27.718	30.114	32.484	37.142	35.4	0.161	1444.4	247
G16	1	275	-1.677	-1.683	0.42	0.21	34.477	27.753	30.148	32.517	37.174	32.0	0.170	1445.0	271
G16	1	300	-1.743	-1.750	0.38	0.15	34.495	27.769	30.166	32.535	37.195	30.2	0.177	1445.2	296
G16	1	325	-1.792	-1.799	0.35	0.10	34.512	27.784	30.182	32.552	37.213	28.6	0.185	1445.4	321
G16	1	350	-1.812	-1.820	0.35	0.08	34.520	27.791	30.189	32.560	37.221	27.8	0.192	1445.7	345
G16	1	375	-1.825	-1.834	0.35	0.07	34.530	27.800	30.198	32.569	37.230	26.8	0.199	1446.0	370
G16	1	400	-1.829	-1.838	0.37	0.07	34.532	27.802	30.200	32.570	37.232	26.5	0.205	1446.4	395
G16	1	425	-1.825	-1.835	0.39	0.07	34.529	27.799	30.197	32.568	37.229	26.6	0.212	1446.8	419
G16	1	450	-1.827	-1.838	0.41	0.07	34.535	27.804	30.202	32.573	37.234	26.0	0.218	1447.3	444
G16	1	474	-1.824	-1.835	0.43	0.07	34.535	27.804	30.202	32.573	37.234	25.9	0.225	1447.7	468

GL_83 17

78 28 S

164 11 W

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.475	-164.183	585	1012.5	350	4.2	-0.3		0827	03	FEB	1983	GL	83	1	G17

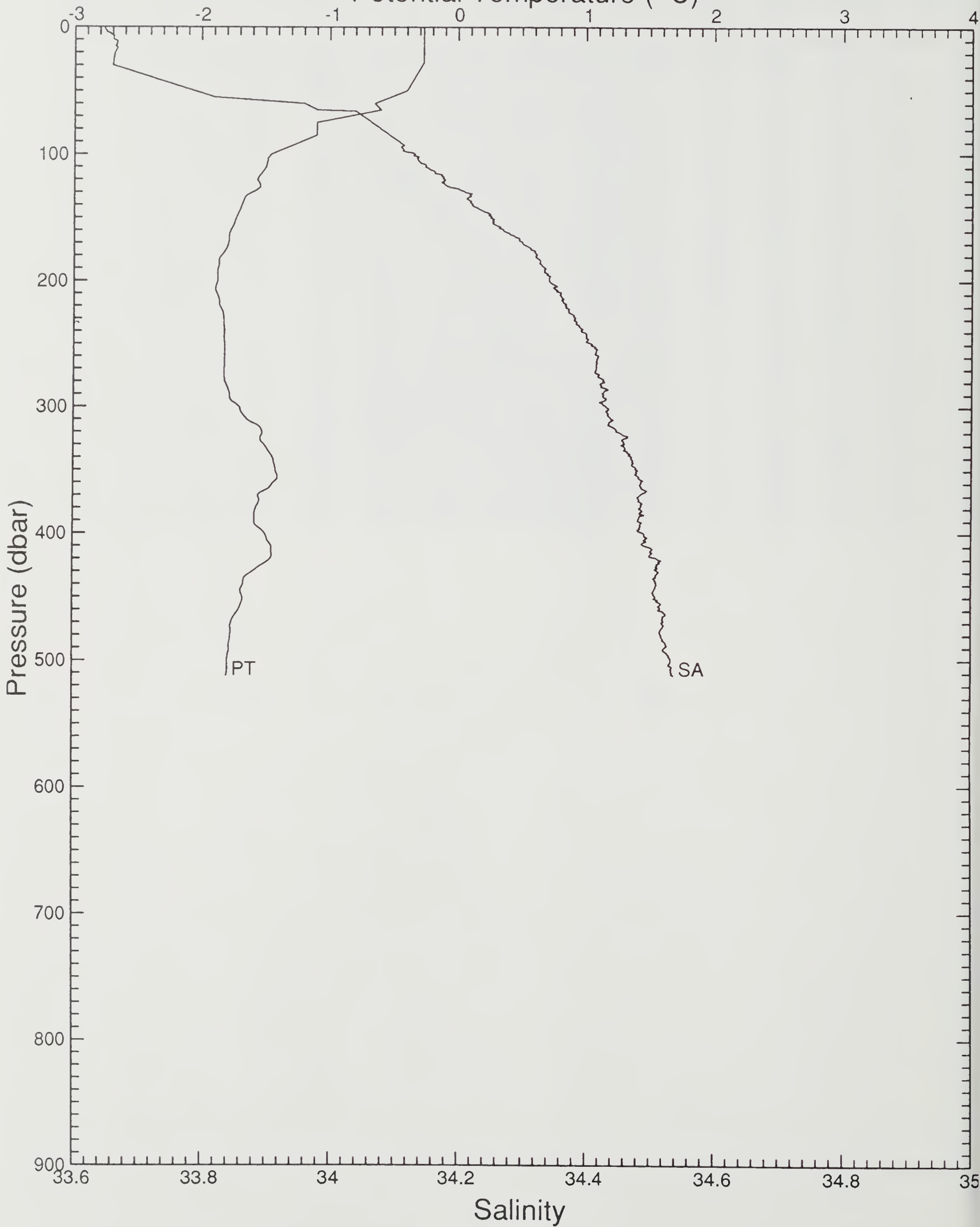
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G17	1	0	-1.034	-1.034	0.81	0.81	33.720	27.117	29.506	31.868	36.512	93.7	0.000	1442.6	0
G17	1	10	-1.128	-1.128	0.73	0.72	33.735	27.133	29.523	31.886	36.533	92.2	0.009	1442.3	9
G17	1	20	-1.117	-1.117	0.75	0.74	33.831	27.210	29.600	31.963	36.608	84.8	0.018	1442.7	19
G17	1	30	-1.113	-1.114	0.77	0.75	33.936	27.295	29.684	32.047	36.691	76.7	0.026	1443.0	29
G17	1	40	-1.274	-1.275	0.62	0.59	33.973	27.331	29.722	32.087	36.736	73.2	0.034	1442.5	39
G17	1	50	-1.531	-1.532	0.37	0.34	34.028	27.383	29.779	32.147	36.803	68.2	0.041	1441.5	49
G17	1	60	-1.556	-1.557	0.36	0.31	34.051	27.403	29.798	32.167	36.824	66.3	0.048	1441.5	59
G17	1	70	-1.645	-1.646	0.28	0.22	34.067	27.418	29.815	32.185	36.845	64.7	0.054	1441.3	69
G17	1	80	-1.687	-1.689	0.24	0.18	34.077	27.428	29.825	32.196	36.857	63.8	0.061	1441.3	79
G17	1	90	-1.706	-1.708	0.23	0.16	34.082	27.432	29.830	32.201	36.862	63.3	0.067	1441.4	89
G17	1	100	-1.747	-1.749	0.20	0.13	34.116	27.461	29.859	32.231	36.893	60.5	0.073	1441.4	98
G17	1	125	-1.716	-1.719	0.25	0.16	34.138	27.478	29.876	32.247	36.908	58.7	0.088	1442.0	123
G17	1	150	-1.758	-1.761	0.23	0.12	34.188	27.520	29.918	32.289	36.951	54.6	0.102	1442.2	148
G17	1	175	-1.831	-1.835	0.18	0.05	34.208	27.538	29.937	32.310	36.974	52.7	0.115	1442.3	173
G17	1	200	-1.898	-1.902	0.13	-0.02	34.226	27.554	29.955	32.328	36.994	51.0	0.128	1442.4	197
G17	1	225	-1.894	-1.899	0.16	-0.02	34.249	27.573	29.973	32.346	37.012	49.0	0.141	1442.9	222
G17	1	250	-1.902	-1.907	0.17	-0.02	34.273	27.593	29.993	32.366	37.032	47.0	0.153	1443.3	247
G17	1	275	-1.905	-1.911	0.18	-0.02	34.291	27.607	30.008	32.381	37.047	45.5	0.165	1443.7	271
G17	1	300	-1.925	-1.931	0.18	-0.04	34.311	27.624	30.025	32.398	37.064	43.7	0.176	1444.0	296
G17	1	325	-1.966	-1.973	0.16	-0.08	34.338	27.647	30.048	32.422	37.089	41.3	0.186	1444.3	321
G17	1	350	-2.031	-2.038	0.12	-0.15	34.358	27.665	30.067	32.442	37.111	39.4	0.196	1444.4	345
G17	1	375	-2.032	-2.040	0.14	-0.15	34.378	27.681	30.083	32.458	37.127	37.7	0.206	1444.8	370
G17	1	400	-1.961	-1.970	0.23	-0.07	34.402	27.699	30.100	32.473	37.140	36.0	0.215	1445.6	395
G17	1	425	-1.860	-1.870	0.35	0.03	34.422	27.713	30.112	32.484	37.147	34.7	0.224	1446.5	419
G17	1	450	-1.810	-1.821	0.42	0.08	34.447	27.732	30.130	32.501	37.163	32.8	0.233	1447.2	444
G17	1	475	-1.807	-1.818	0.44	0.09	34.471	27.751	30.149	32.520	37.182	30.8	0.240	1447.7	469
G17	1	500	-1.760	-1.772	0.51	0.13	34.482	27.759	30.156	32.526	37.186	30.0	0.248	1448.3	494
G17	1	537	-1.713	-1.727	0.58	0.18	34.496	27.769	30.166	32.535	37.193	29.0	0.259	1449.2	530

GL_83 18

77 58 S

162 42 W

Potential Temperature (°C)



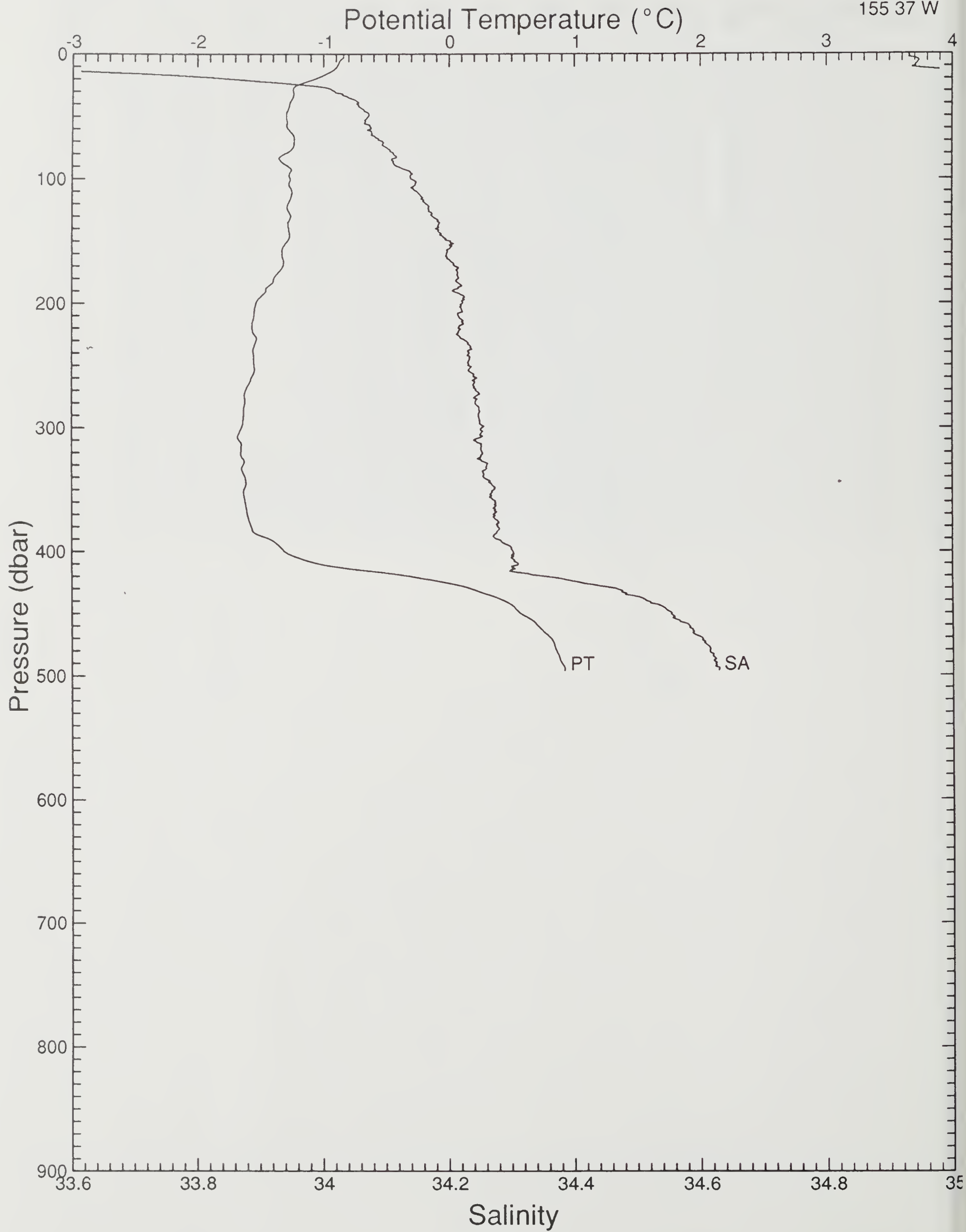
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.780	-160.588	658	1009.5	305	4.5	-1.7	1370	1540	06		1983	GL	83	1	G19

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G19	1	0	-0.787	-0.787	1.04	1.04	33.389	26.840	29.226	31.586	36.225	120.0	0.000	1443.3	0
G19	1	10	-0.777	-0.777	1.06	1.05	33.402	26.850	29.236	31.596	36.235	119.0	0.012	1443.5	9
G19	1	20	-0.729	-0.730	1.12	1.11	33.522	26.945	29.330	31.689	36.325	109.9	0.023	1444.1	19
G19	1	30	-1.117	-1.118	0.76	0.74	33.831	27.210	29.600	31.963	36.608	84.7	0.033	1442.8	29
G19	1	40	-1.414	-1.415	0.48	0.45	33.981	27.342	29.735	32.102	36.755	72.2	0.041	1441.8	39
G19	1	50	-1.481	-1.482	0.42	0.38	33.989	27.350	29.745	32.113	36.768	71.3	0.048	1441.7	49
G19	1	60	-1.533	-1.534	0.38	0.33	34.030	27.385	29.780	32.149	36.805	67.9	0.055	1441.6	59
G19	1	70	-1.433	-1.435	0.49	0.44	34.050	27.398	29.792	32.159	36.812	66.7	0.062	1442.3	69
G19	1	80	-1.421	-1.423	0.51	0.45	34.060	27.406	29.799	32.166	36.819	65.9	0.069	1442.5	79
G19	1	90	-1.422	-1.424	0.52	0.45	34.074	27.417	29.811	32.177	36.830	64.7	0.075	1442.7	89
G19	1	100	-1.423	-1.425	0.52	0.45	34.080	27.422	29.816	32.182	36.835	64.2	0.081	1442.9	98
G19	1	125	-1.440	-1.443	0.53	0.43	34.121	27.456	29.850	32.216	36.869	60.9	0.097	1443.2	123
G19	1	150	-1.524	-1.527	0.46	0.35	34.159	27.490	29.884	32.252	36.907	57.6	0.112	1443.3	148
G19	1	175	-1.595	-1.599	0.41	0.28	34.194	27.520	29.916	32.284	36.941	54.5	0.126	1443.4	173
G19	1	200	-1.765	-1.769	0.26	0.11	34.240	27.562	29.960	32.332	36.993	50.3	0.139	1443.1	197
G19	1	225	-1.825	-1.830	0.23	0.06	34.281	27.597	29.996	32.368	37.031	46.8	0.151	1443.2	222
G19	1	250	-1.831	-1.836	0.24	0.05	34.333	27.640	30.038	32.410	37.073	42.6	0.162	1443.7	247
G19	1	275	-1.856	-1.862	0.24	0.03	34.377	27.676	30.075	32.447	37.111	39.0	0.173	1444.0	271
G19	1	300	-1.798	-1.805	0.32	0.09	34.424	27.713	30.111	32.482	37.143	35.5	0.182	1444.8	296
G19	1	325	-1.780	-1.787	0.35	0.11	34.448	27.732	30.129	32.500	37.161	33.6	0.190	1445.3	321
G19	1	350	-1.752	-1.760	0.40	0.14	34.450	27.733	30.130	32.500	37.160	33.4	0.199	1445.9	345
G19	1	375	-1.762	-1.771	0.41	0.13	34.464	27.744	30.142	32.512	37.172	32.1	0.207	1446.2	370
G19	1	400	-1.769	-1.778	0.42	0.12	34.474	27.753	30.150	32.520	37.180	31.2	0.215	1446.6	395
G19	1	425	-1.787	-1.797	0.43	0.10	34.480	27.758	30.156	32.526	37.187	30.5	0.223	1447.0	420
G19	1	450	-1.798	-1.809	0.43	0.10	34.489	27.766	30.163	32.534	37.195	29.6	0.230	1447.3	444
G19	1	475	-1.768	-1.779	0.48	0.13	34.494	27.769	30.166	32.536	37.196	29.2	0.238	1447.9	469
G19	1	480	-1.751	-1.763	0.50	0.14	34.495	27.769	30.166	32.536	37.196	29.2	0.239	1448.1	474

GL_83 21

76 58 S

155 37 W



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.960	-155.617	1120	1001.0	125	2.3	-1.7		1544	06		1983	GL	83	1	G21

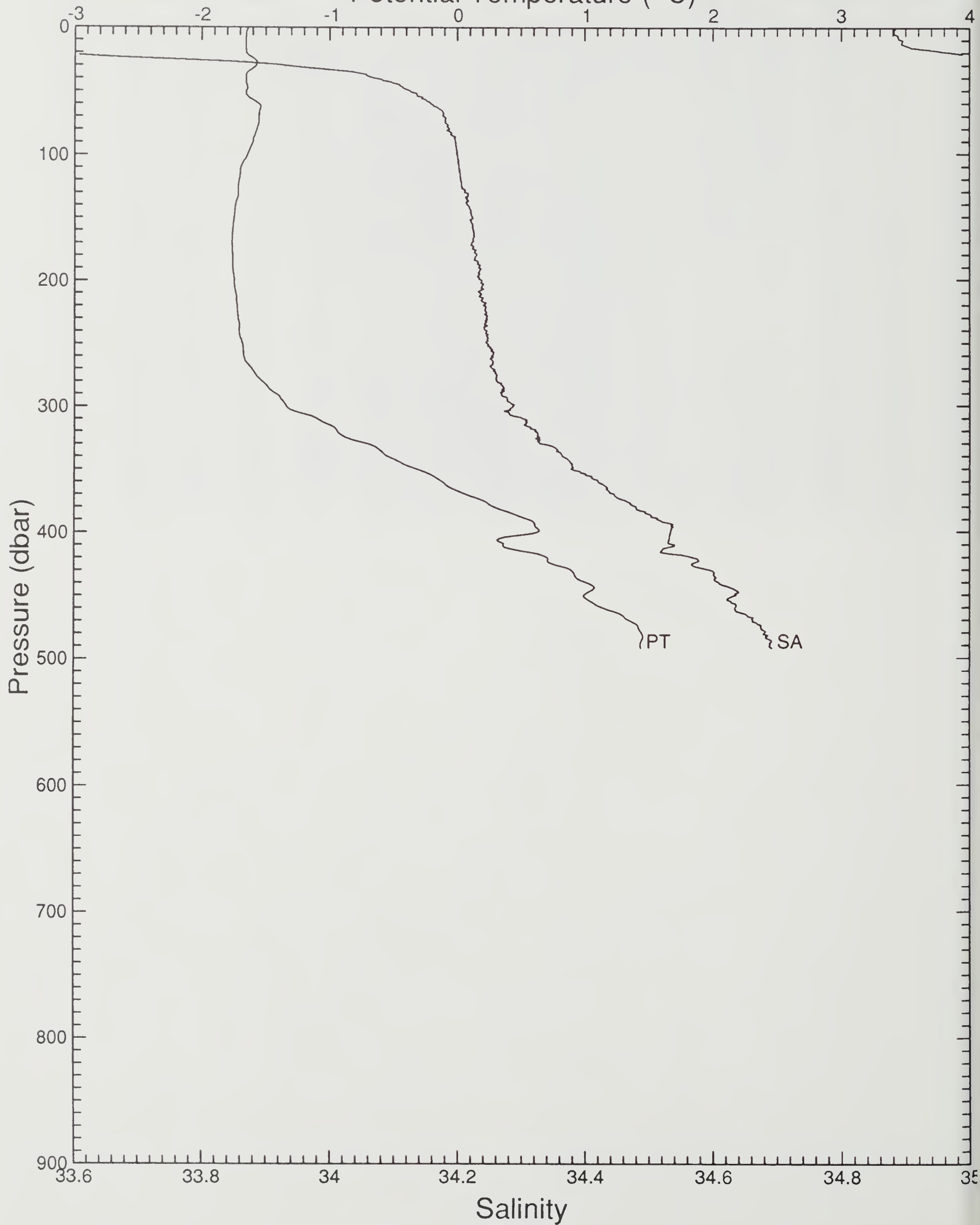
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G21	1	0	-0.840	-0.840	1.00	1.00	33.532	26.958	29.344	31.704	36.344	108.8	0.000	1443.3	0
G21	1	10	-0.892	-0.892	0.95	0.95	33.542	26.968	29.355	31.716	36.357	107.8	0.011	1443.2	9
G21	1	20	-1.065	-1.065	0.81	0.79	33.850	27.224	29.612	31.974	36.618	83.5	0.020	1443.0	19
G21	1	30	-1.238	-1.239	0.65	0.63	34.018	27.366	29.757	32.121	36.768	70.0	0.028	1442.5	29
G21	1	40	-1.265	-1.266	0.63	0.60	34.053	27.395	29.786	32.150	36.798	67.1	0.035	1442.6	39
G21	1	50	-1.292	-1.293	0.61	0.58	34.072	27.412	29.803	32.167	36.816	65.5	0.042	1442.7	49
G21	1	60	-1.279	-1.280	0.64	0.59	34.076	27.414	29.806	32.170	36.818	65.2	0.048	1442.9	59
G21	1	70	-1.226	-1.228	0.70	0.64	34.094	27.427	29.817	32.181	36.827	64.0	0.055	1443.3	69
G21	1	80	-1.301	-1.303	0.63	0.57	34.112	27.444	29.836	32.200	36.849	62.3	0.061	1443.2	79
G21	1	90	-1.275	-1.277	0.67	0.60	34.118	27.448	29.839	32.203	36.851	61.9	0.067	1443.5	89
G21	1	100	-1.256	-1.258	0.69	0.62	34.140	27.466	29.856	32.220	36.867	60.2	0.073	1443.7	98
G21	1	125	-1.275	-1.278	0.69	0.60	34.169	27.490	29.880	32.244	36.892	57.8	0.088	1444.1	123
G21	1	150	-1.276	-1.280	0.71	0.60	34.204	27.518	29.909	32.272	36.920	55.0	0.102	1444.5	148
G21	1	175	-1.347	-1.351	0.66	0.53	34.215	27.530	29.921	32.286	36.935	53.7	0.116	1444.6	173
G21	1	200	-1.522	-1.527	0.51	0.36	34.223	27.542	29.936	32.303	36.958	52.4	0.129	1444.2	197
G21	1	225	-1.538	-1.543	0.51	0.34	34.213	27.534	29.929	32.296	36.951	53.0	0.142	1444.5	222
G21	1	250	-1.536	-1.542	0.53	0.34	34.231	27.548	29.943	32.311	36.966	51.5	0.155	1445.0	247
G21	1	275	-1.613	-1.619	0.47	0.27	34.243	27.561	29.956	32.325	36.982	50.1	0.168	1445.0	271
G21	1	300	-1.636	-1.643	0.47	0.24	34.254	27.570	29.966	32.335	36.993	49.1	0.180	1445.3	296
G21	1	325	-1.621	-1.629	0.50	0.26	34.246	27.563	29.959	32.328	36.986	49.6	0.193	1445.8	321
G21	1	350	-1.616	-1.624	0.53	0.26	34.273	27.585	29.981	32.349	37.007	47.4	0.205	1446.3	345
G21	1	375	-1.575	-1.584	0.59	0.31	34.278	27.588	29.983	32.351	37.007	47.0	0.216	1446.9	370
G21	1	400	-1.292	-1.303	0.89	0.59	34.303	27.599	29.990	32.353	37.000	46.2	0.228	1448.7	395
G21	1	425	-0.023	-0.039	2.19	1.86	34.408	27.630	30.001	32.345	36.953	44.7	0.239	1455.2	420
G21	1	450	0.588	0.568	2.82	2.48	34.555	27.715	30.076	32.410	37.000	37.6	0.250	1458.6	444
G21	1	475	0.861	0.839	3.12	2.76	34.609	27.742	30.098	32.429	37.010	35.4	0.259	1460.3	469
G21	1	496	0.944	0.920	3.22	2.84	34.629	27.752	30.108	32.437	37.016	34.6	0.266	1461.0	490

GL_83 22

76 21 S

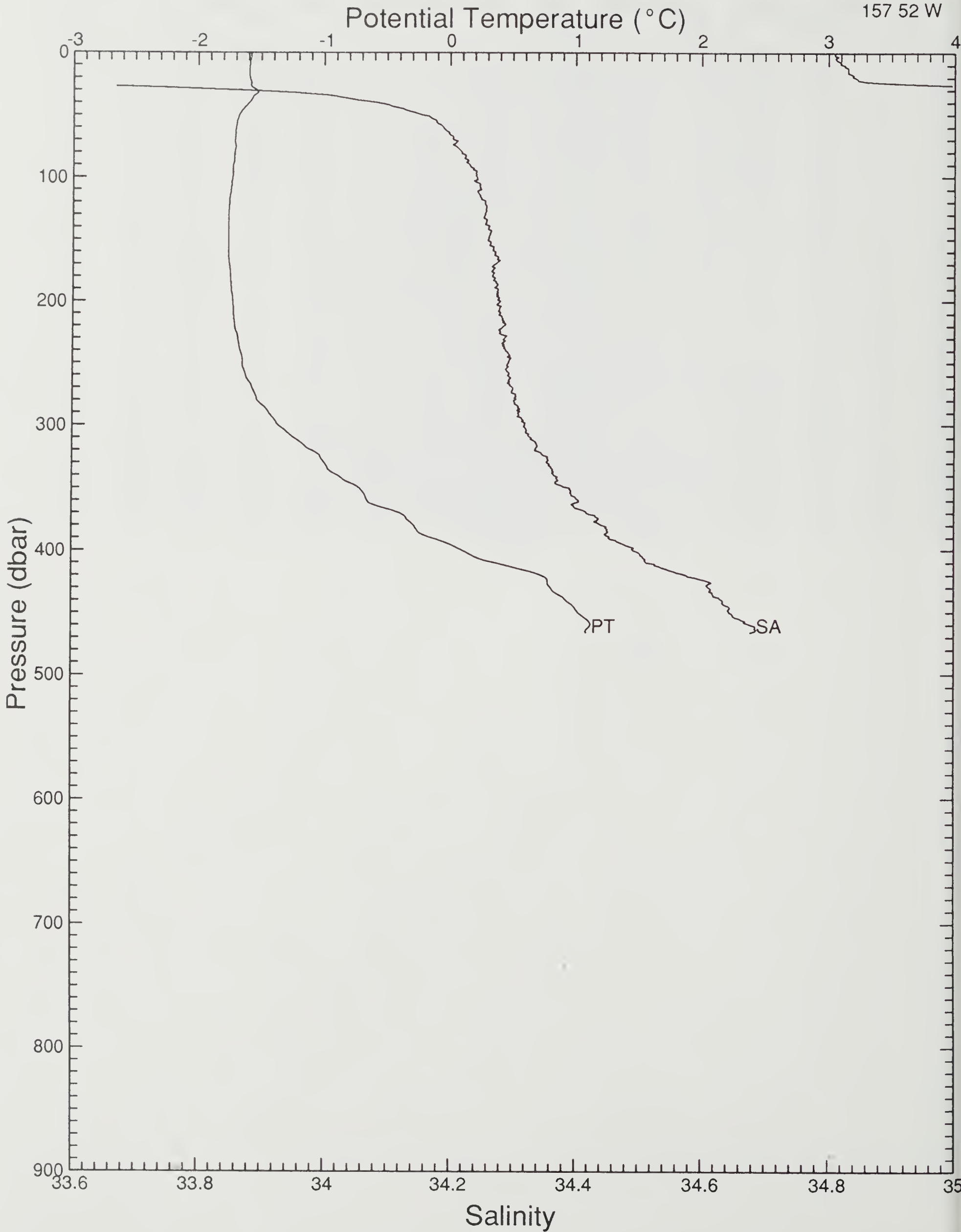
157 47 W

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.347	-157.785	1400	1000.3	200	3.1	-5.0		1549	06		1983	GL	83	1	G22

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G22	1	0	-1.640	-1.640	0.20	0.20	33.485	26.945	29.345	31.717	36.382	110.0	0.000	1439.4	0
G22	1	10	-1.655	-1.655	0.19	0.18	33.496	26.954	29.354	31.727	36.392	109.0	0.011	1439.5	9
G22	1	20	-1.652	-1.652	0.20	0.19	33.572	27.016	29.415	31.788	36.452	103.1	0.022	1439.8	19
G22	1	30	-1.573	-1.574	0.31	0.29	33.930	27.305	29.701	32.071	36.729	75.7	0.031	1440.8	29
G22	1	40	-1.652	-1.653	0.25	0.22	34.070	27.421	29.818	32.188	36.848	64.6	0.038	1440.8	39
G22	1	50	-1.649	-1.650	0.26	0.22	34.126	27.466	29.863	32.233	36.892	60.3	0.044	1441.0	49
G22	1	60	-1.553	-1.554	0.37	0.32	34.158	27.490	29.885	32.253	36.909	58.1	0.050	1441.7	59
G22	1	70	-1.549	-1.551	0.38	0.33	34.178	27.506	29.901	32.269	36.924	56.5	0.055	1441.9	69
G22	1	80	-1.564	-1.566	0.37	0.31	34.188	27.514	29.909	32.278	36.934	55.6	0.061	1442.0	79
G22	1	90	-1.595	-1.597	0.35	0.28	34.198	27.523	29.919	32.288	36.944	54.7	0.067	1442.0	89
G22	1	100	-1.637	-1.639	0.31	0.24	34.200	27.526	29.922	32.292	36.950	54.3	0.072	1442.0	98
G22	1	125	-1.708	-1.711	0.26	0.17	34.207	27.534	29.931	32.302	36.962	53.4	0.085	1442.1	123
G22	1	150	-1.741	-1.744	0.25	0.14	34.224	27.549	29.946	32.317	36.978	51.9	0.099	1442.4	148
G22	1	175	-1.754	-1.758	0.26	0.12	34.224	27.549	29.947	32.318	36.980	51.7	0.112	1442.7	173
G22	1	200	-1.738	-1.742	0.29	0.14	34.239	27.561	29.958	32.329	36.990	50.4	0.124	1443.2	197
G22	1	225	-1.711	-1.716	0.34	0.17	34.246	27.566	29.963	32.333	36.993	49.8	0.137	1443.7	222
G22	1	250	-1.671	-1.677	0.40	0.21	34.247	27.565	29.962	32.332	36.991	49.8	0.149	1444.3	247
G22	1	275	-1.566	-1.572	0.52	0.31	34.263	27.575	29.970	32.338	36.994	48.8	0.162	1445.3	271
G22	1	300	-1.326	-1.334	0.78	0.55	34.288	27.588	29.979	32.343	36.991	47.6	0.174	1446.9	296
G22	1	325	-0.864	-0.874	1.27	1.02	34.330	27.605	29.989	32.346	36.980	46.3	0.185	1449.5	321
G22	1	350	-0.308	-0.320	1.84	1.58	34.379	27.621	29.996	32.344	36.961	45.4	0.197	1452.6	345
G22	1	375	0.218	0.203	2.39	2.11	34.464	27.663	30.029	32.370	36.971	42.0	0.208	1455.5	370
G22	1	400	0.652	0.634	2.85	2.55	34.535	27.695	30.055	32.388	36.976	39.5	0.218	1458.0	395
G22	1	425	0.765	0.746	2.98	2.66	34.568	27.714	30.073	32.405	36.989	37.8	0.228	1459.0	420
G22	1	450	1.018	0.997	3.26	2.92	34.637	27.754	30.108	32.436	37.013	34.4	0.237	1460.6	444
G22	1	475	1.445	1.421	3.71	3.35	34.675	27.755	30.103	32.425	36.990	34.9	0.245	1463.0	469
G22	1	492	1.466	1.441	3.74	3.37	34.692	27.767	30.115	32.436	37.001	33.9	0.251	1463.4	486



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.418	-157.862	640	1001.0	185	6.2	-5.6		1553	06		1983	GL	83	1	G23

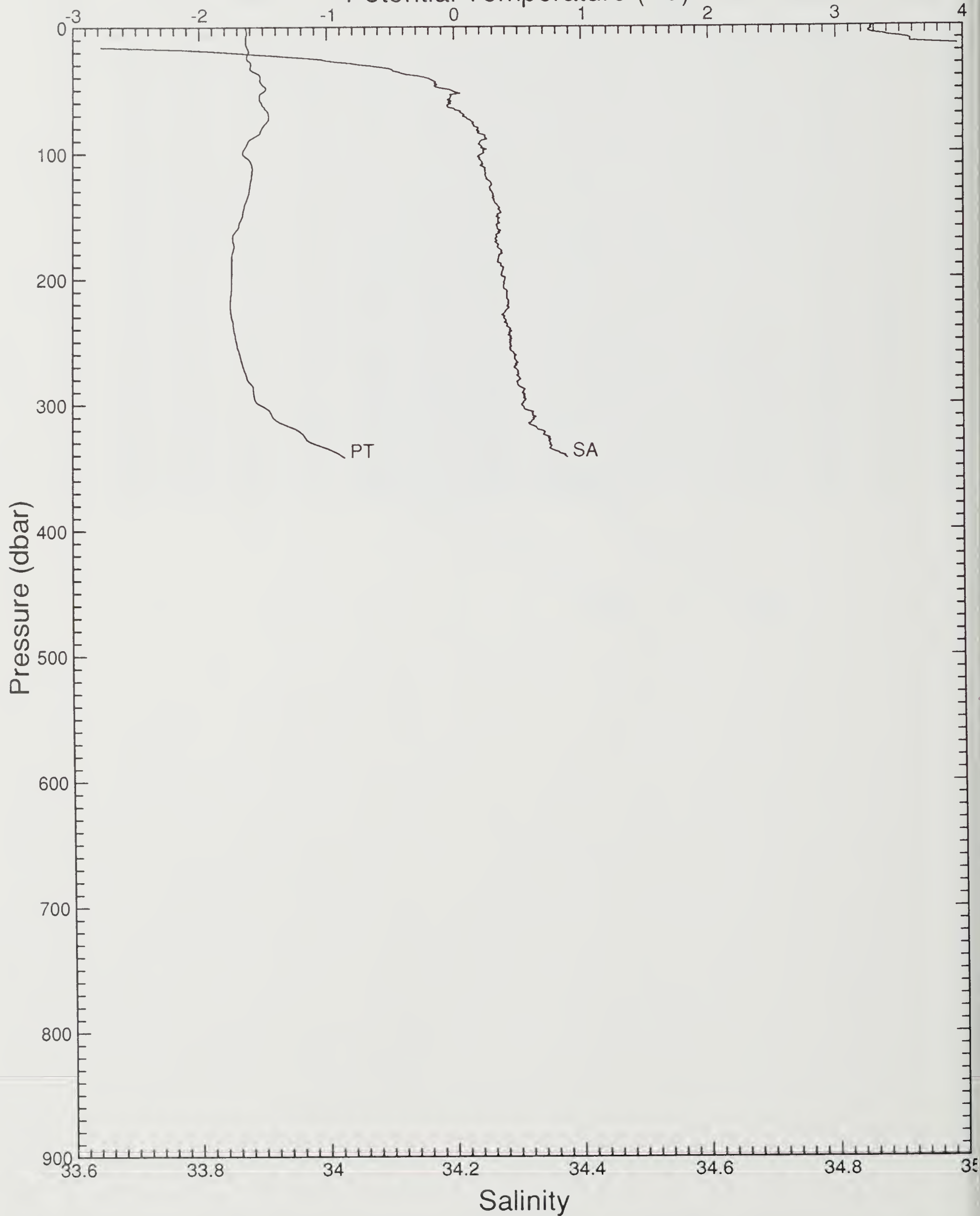
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G23	1	1	-1.580	-1.580	0.25	0.25	33.410	26.883	29.281	31.653	36.317	115.9	0.001	1439.6	1
G23	1	11	-1.594	-1.594	0.25	0.24	33.426	26.896	29.295	31.667	36.331	114.6	0.013	1439.7	10
G23	1	21	-1.590	-1.590	0.26	0.24	33.446	26.912	29.311	31.683	36.346	113.0	0.024	1439.9	20
G23	1	31	-1.523	-1.524	0.36	0.34	33.915	27.291	29.687	32.056	36.713	77.0	0.034	1441.1	30
G23	1	41	-1.605	-1.606	0.30	0.27	34.094	27.439	29.835	32.204	36.863	62.9	0.041	1441.1	40
G23	1	51	-1.678	-1.679	0.24	0.20	34.166	27.500	29.897	32.267	36.926	57.1	0.047	1441.0	50
G23	1	61	-1.699	-1.700	0.22	0.18	34.190	27.520	29.917	32.287	36.947	55.2	0.052	1441.1	60
G23	1	71	-1.707	-1.708	0.22	0.17	34.212	27.538	29.935	32.305	36.966	53.4	0.058	1441.2	70
G23	1	81	-1.708	-1.710	0.23	0.17	34.218	27.543	29.940	32.310	36.971	52.9	0.063	1441.4	80
G23	1	91	-1.720	-1.722	0.23	0.16	34.232	27.554	29.952	32.322	36.983	51.7	0.068	1441.5	90
G23	1	101	-1.724	-1.726	0.23	0.16	34.243	27.564	29.961	32.331	36.992	50.8	0.073	1441.7	99
G23	1	126	-1.750	-1.753	0.23	0.13	34.257	27.576	29.973	32.344	37.005	49.5	0.086	1442.0	124
G23	1	151	-1.751	-1.754	0.24	0.13	34.260	27.578	29.976	32.347	37.008	49.1	0.098	1442.4	149
G23	1	176	-1.737	-1.741	0.28	0.14	34.266	27.583	29.980	32.351	37.012	48.5	0.110	1442.9	174
G23	1	201	-1.715	-1.719	0.32	0.17	34.279	27.593	29.990	32.360	37.020	47.4	0.122	1443.4	198
G23	1	226	-1.681	-1.686	0.37	0.20	34.279	27.592	29.988	32.358	37.017	47.4	0.134	1444.0	223
G23	1	251	-1.636	-1.642	0.44	0.25	34.292	27.601	29.997	32.366	37.023	46.4	0.146	1444.6	248
G23	1	276	-1.529	-1.536	0.56	0.35	34.305	27.608	30.003	32.370	37.024	45.7	0.157	1445.5	272
G23	1	301	-1.337	-1.345	0.77	0.55	34.318	27.613	30.004	32.368	37.016	45.3	0.169	1446.9	297
G23	1	326	-1.009	-1.018	1.12	0.88	34.356	27.632	30.018	32.377	37.015	43.7	0.180	1448.9	322
G23	1	351	-0.690	-0.701	1.46	1.20	34.392	27.649	30.029	32.383	37.011	42.4	0.191	1450.8	346
G23	1	376	-0.308	-0.321	1.86	1.58	34.436	27.667	30.042	32.390	37.006	41.0	0.201	1453.1	371
G23	1	401	0.147	0.131	2.34	2.04	34.499	27.695	30.063	32.404	37.006	38.9	0.211	1455.7	396
G23	1	426	0.806	0.787	3.03	2.71	34.618	27.752	30.110	32.441	37.024	34.3	0.220	1459.2	421
G23	1	451	1.067	1.045	3.31	2.97	34.650	27.761	30.115	32.442	37.017	33.8	0.229	1460.9	445
G23	1	466	1.119	1.096	3.37	3.02	34.680	27.782	30.135	32.461	37.035	32.0	0.234	1461.4	460

GL_83 24

76 28 S

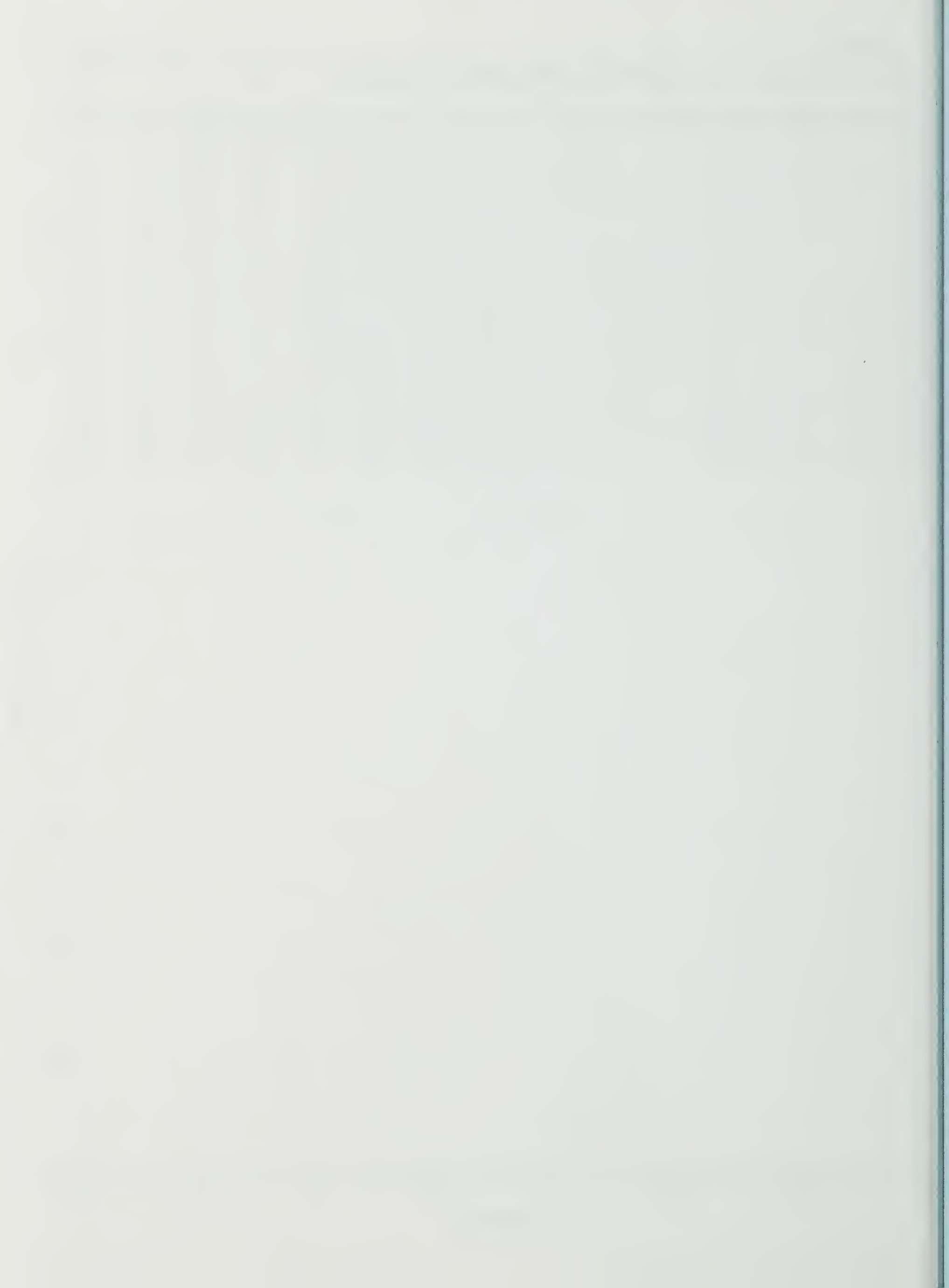
157 53 W

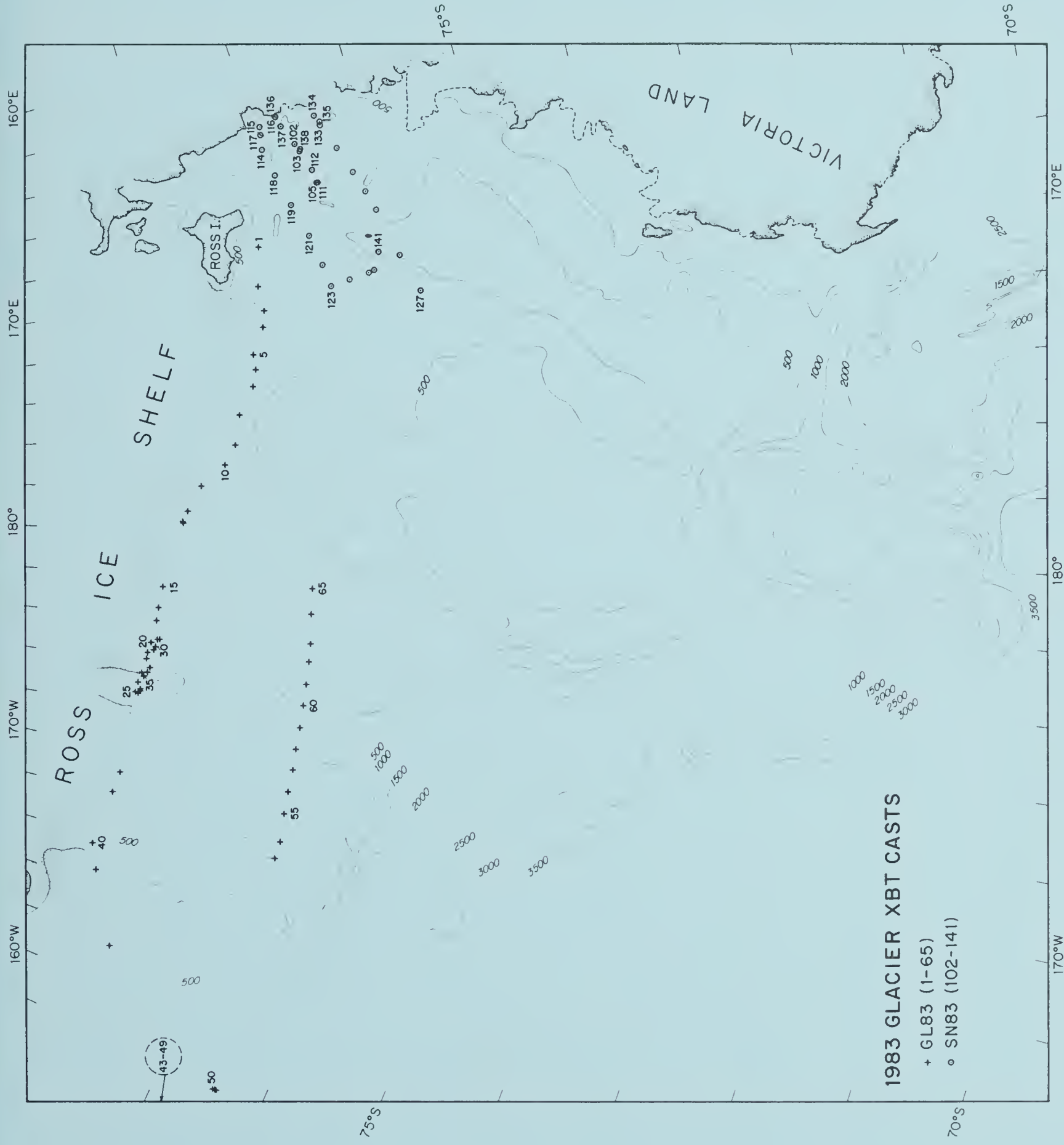
Potential Temperature (°C)

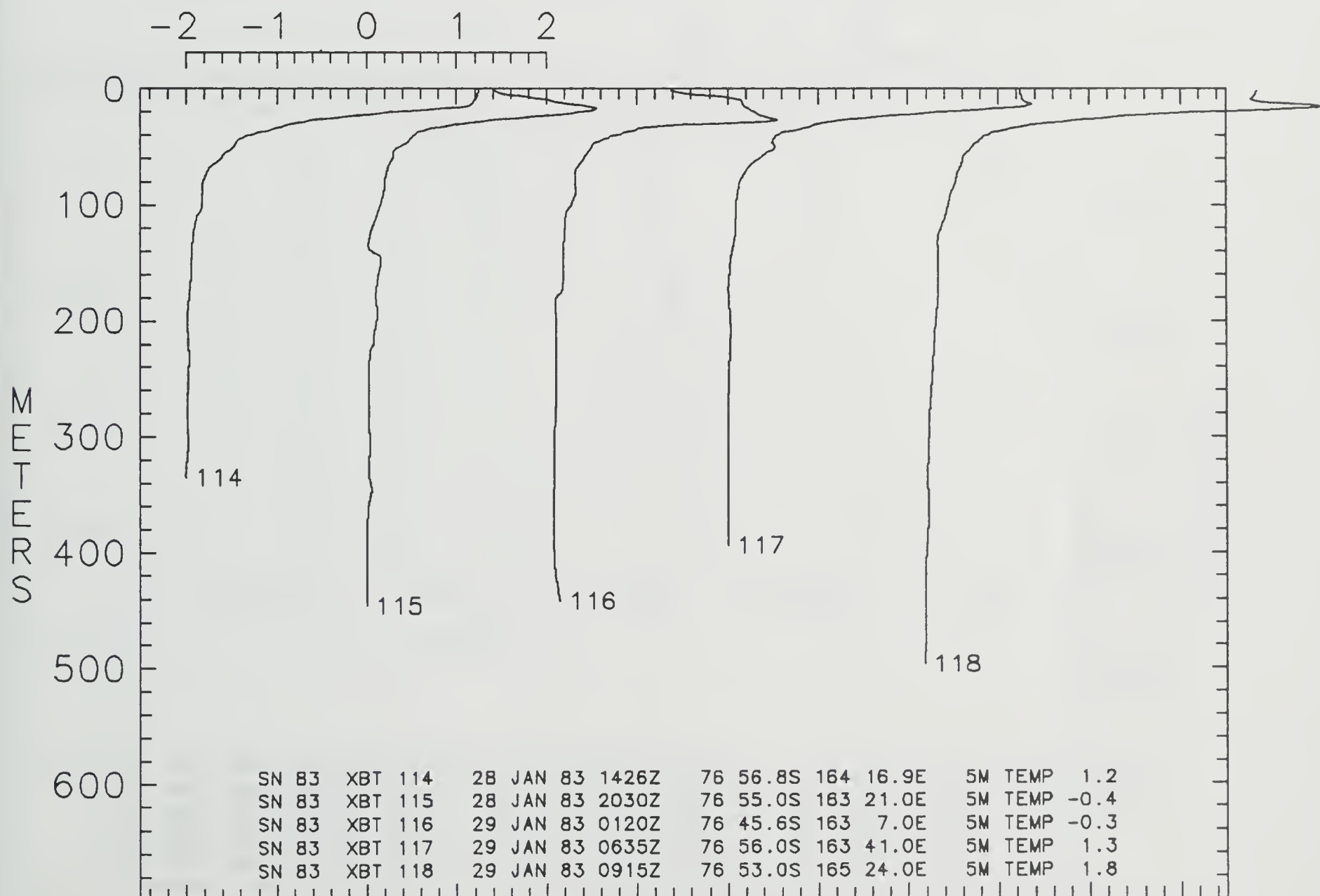
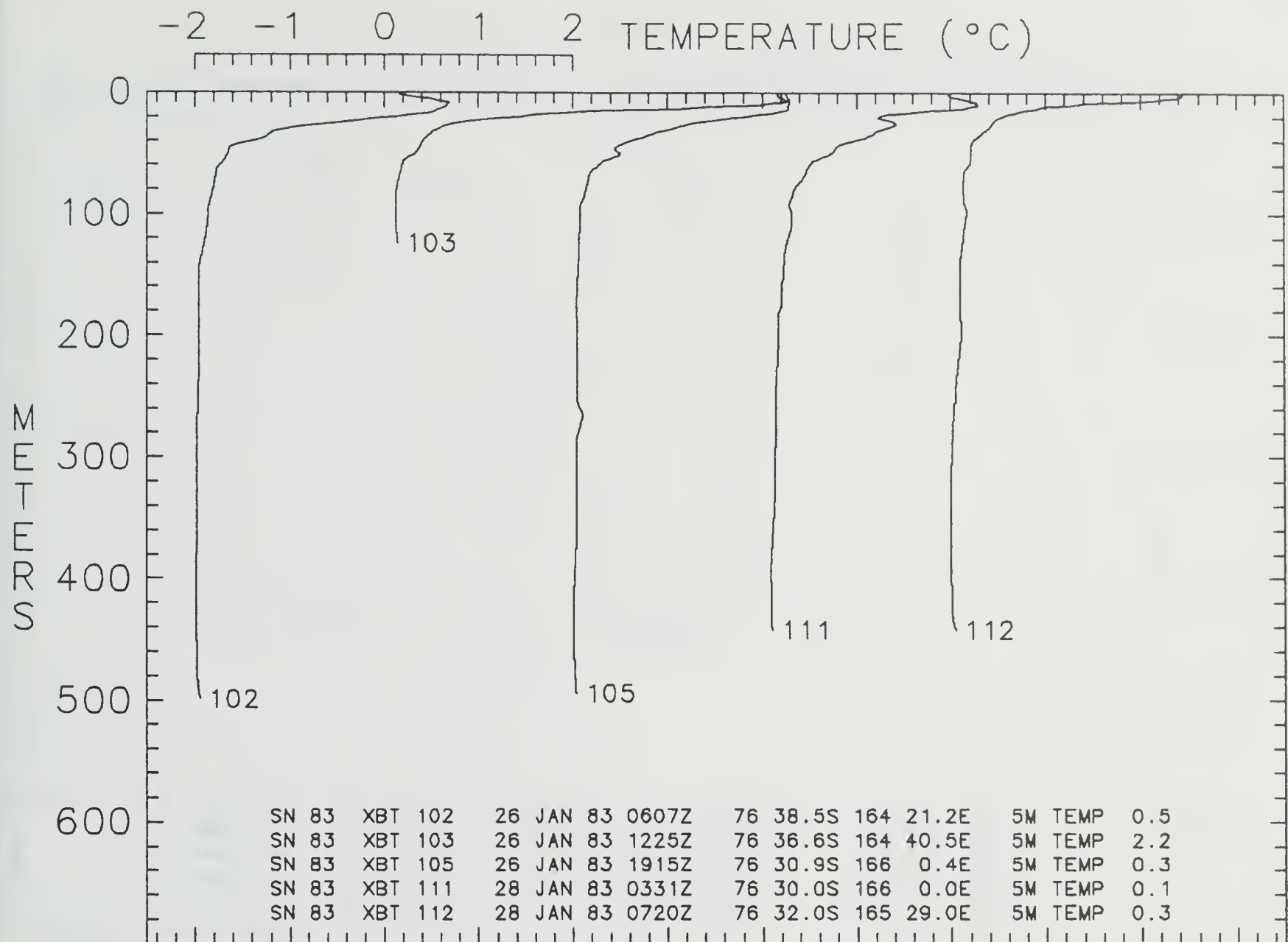


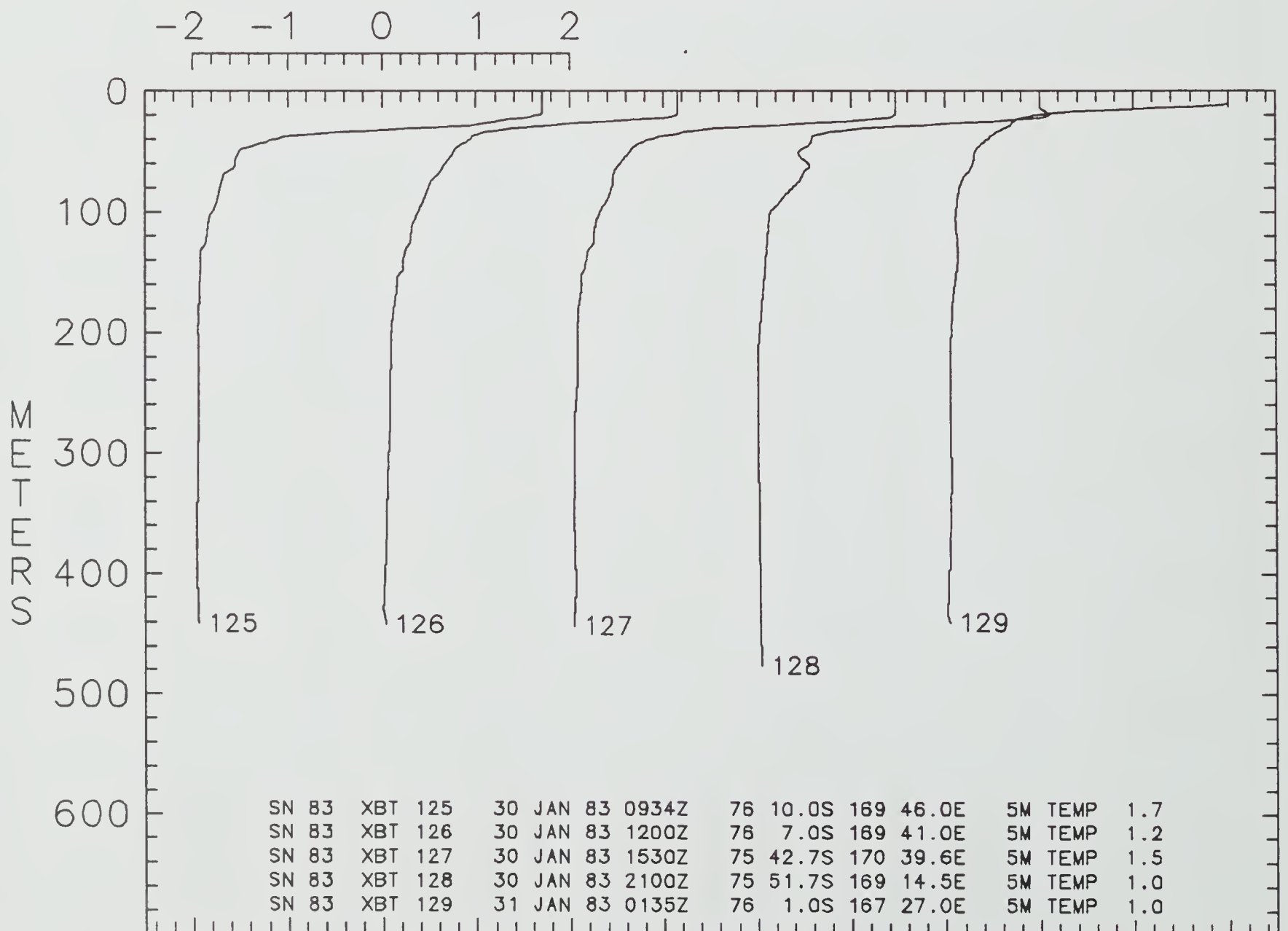
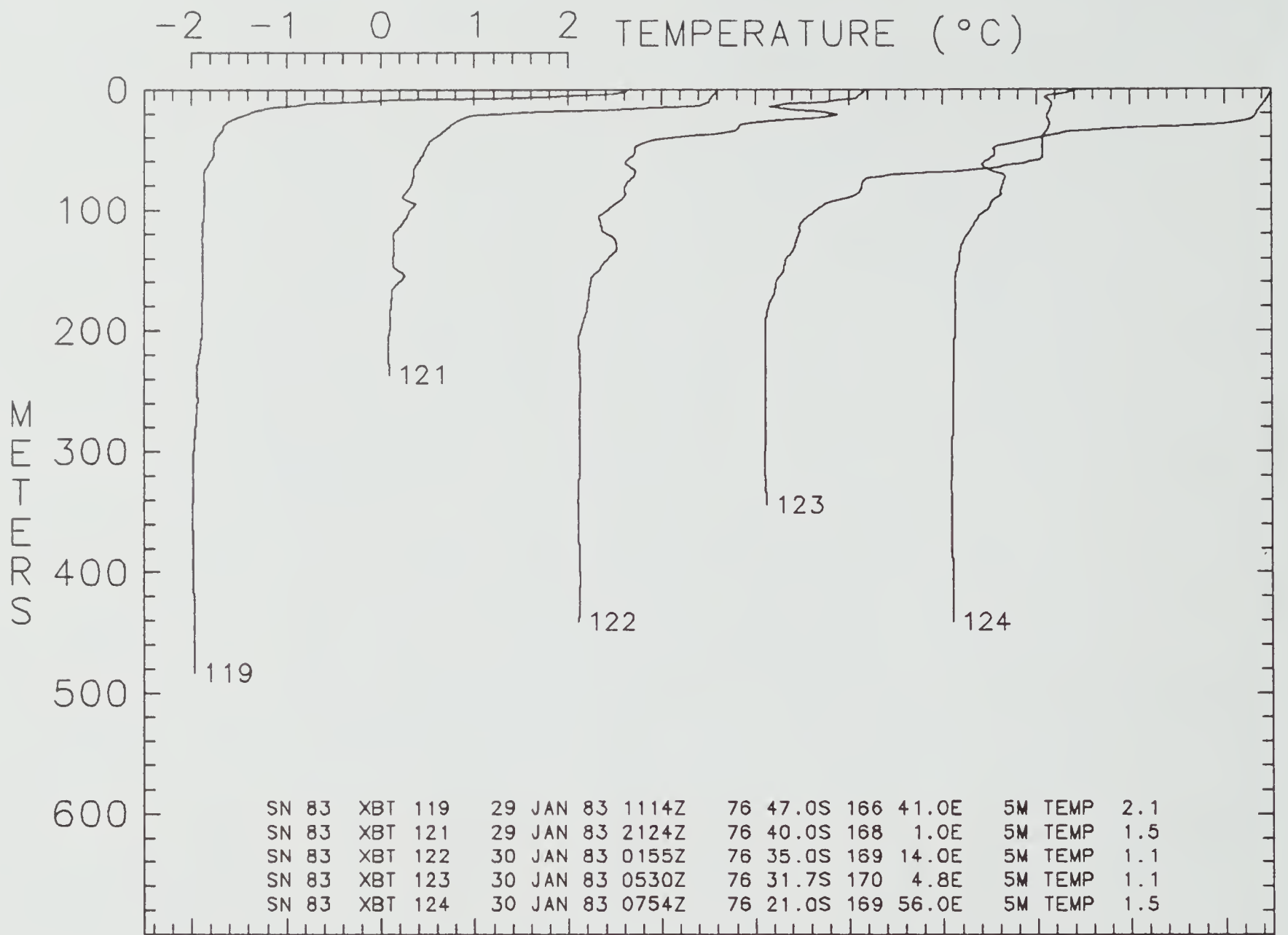
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.467	-157.883	347	1000.7	175	6.7	-5.7		1557	06		1983	GL	83	1	G24

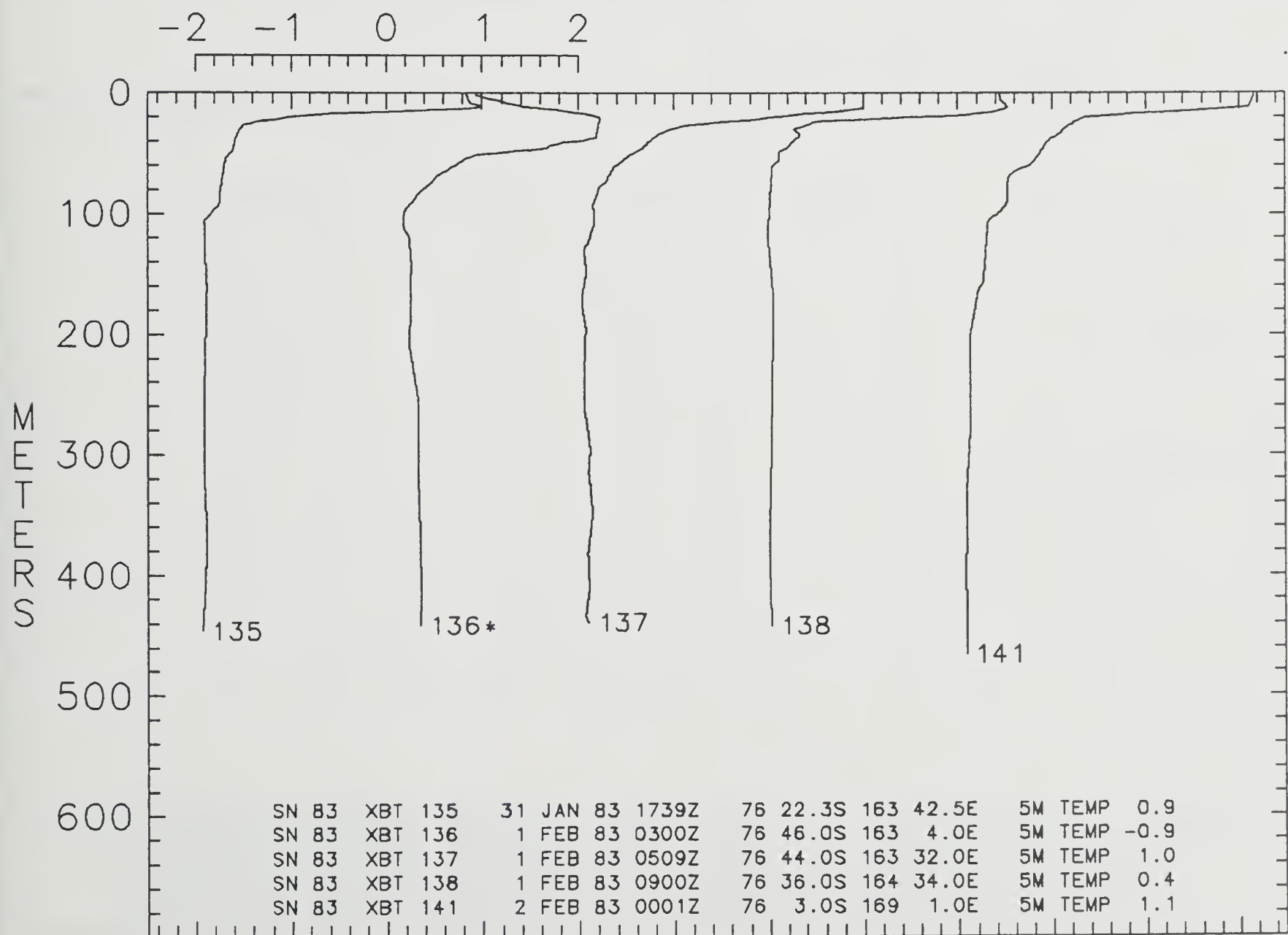
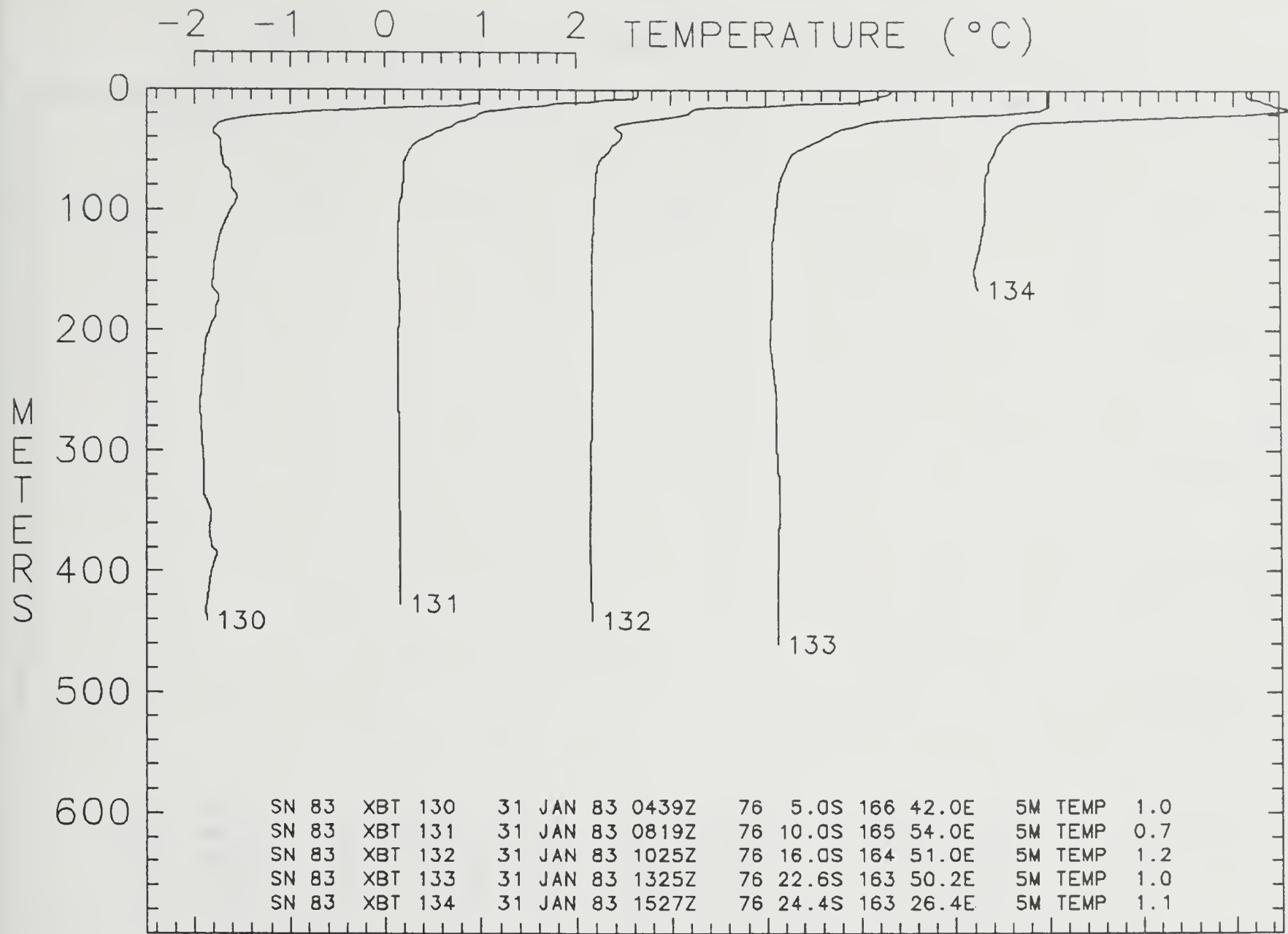
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
G24	1	0	-1.632	-1.632	0.20	0.20	33.458	26.923	29.322	31.695	36.359	112.1	0.000	1439.4	0
G24	1	10	-1.632	-1.632	0.21	0.21	33.513	26.968	29.367	31.739	36.403	107.8	0.011	1439.6	9
G24	1	20	-1.609	-1.609	0.26	0.25	33.843	27.235	29.633	32.003	36.663	82.4	0.021	1440.4	19
G24	1	30	-1.592	-1.593	0.30	0.28	34.050	27.403	29.799	32.168	36.826	66.4	0.028	1440.9	29
G24	1	40	-1.517	-1.518	0.39	0.36	34.153	27.484	29.879	32.247	36.901	58.7	0.034	1441.5	39
G24	1	50	-1.478	-1.479	0.44	0.40	34.194	27.517	29.910	32.277	36.930	55.6	0.040	1442.0	49
G24	1	60	-1.507	-1.508	0.41	0.37	34.191	27.515	29.909	32.276	36.931	55.7	0.046	1442.0	59
G24	1	70	-1.451	-1.453	0.48	0.43	34.217	27.534	29.928	32.294	36.946	53.8	0.051	1442.4	69
G24	1	80	-1.502	-1.504	0.44	0.38	34.239	27.554	29.948	32.315	36.968	51.9	0.056	1442.4	79
G24	1	90	-1.607	-1.609	0.34	0.27	34.244	27.561	29.957	32.325	36.982	51.1	0.061	1442.1	89
G24	1	100	-1.653	-1.655	0.30	0.23	34.248	27.566	29.962	32.331	36.990	50.6	0.067	1442.0	98
G24	1	125	-1.593	-1.596	0.38	0.29	34.260	27.574	29.969	32.337	36.994	49.7	0.079	1442.7	123
G24	1	150	-1.653	-1.656	0.34	0.23	34.270	27.584	29.980	32.349	37.007	48.6	0.091	1442.8	148
G24	1	175	-1.719	-1.723	0.29	0.16	34.269	27.585	29.982	32.352	37.012	48.4	0.103	1442.9	173
G24	1	200	-1.737	-1.741	0.29	0.14	34.281	27.595	29.992	32.363	37.024	47.2	0.115	1443.3	197
G24	1	225	-1.743	-1.748	0.31	0.14	34.283	27.597	29.994	32.365	37.026	46.9	0.127	1443.6	222
G24	1	250	-1.698	-1.704	0.37	0.18	34.291	27.602	29.999	32.369	37.028	46.3	0.139	1444.3	247
G24	1	275	-1.626	-1.632	0.46	0.26	34.301	27.608	30.004	32.372	37.030	45.6	0.150	1445.0	271
G24	1	300	-1.511	-1.518	0.60	0.37	34.307	27.610	30.003	32.370	37.024	45.5	0.162	1446.0	296
G24	1	325	-1.163	-1.172	0.97	0.72	34.346	27.630	30.018	32.379	37.022	43.8	0.173	1448.1	321
G24	1	342	-0.847	-0.857	1.30	1.04	34.379	27.644	30.028	32.384	37.017	42.6	0.180	1449.9	338

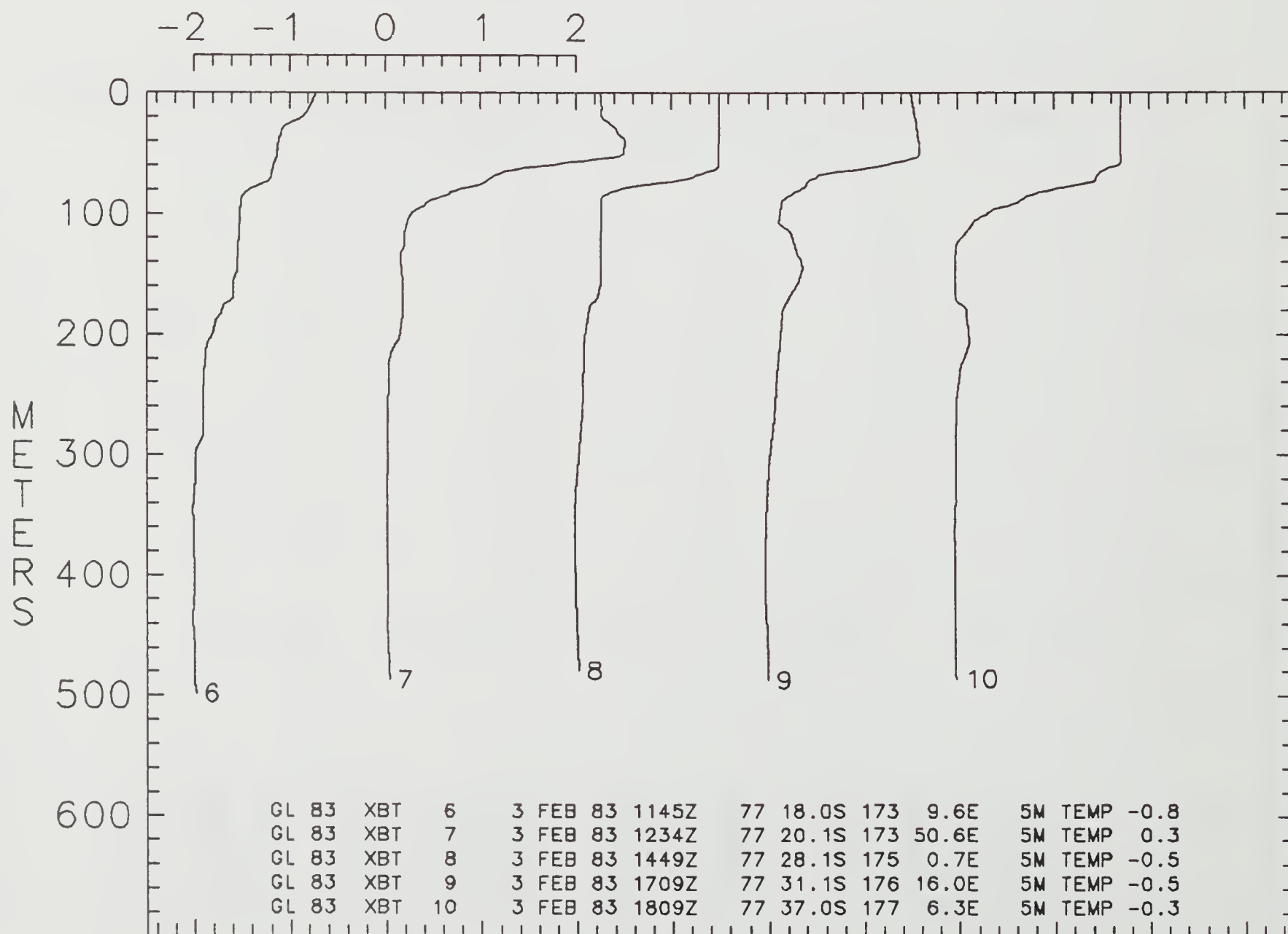
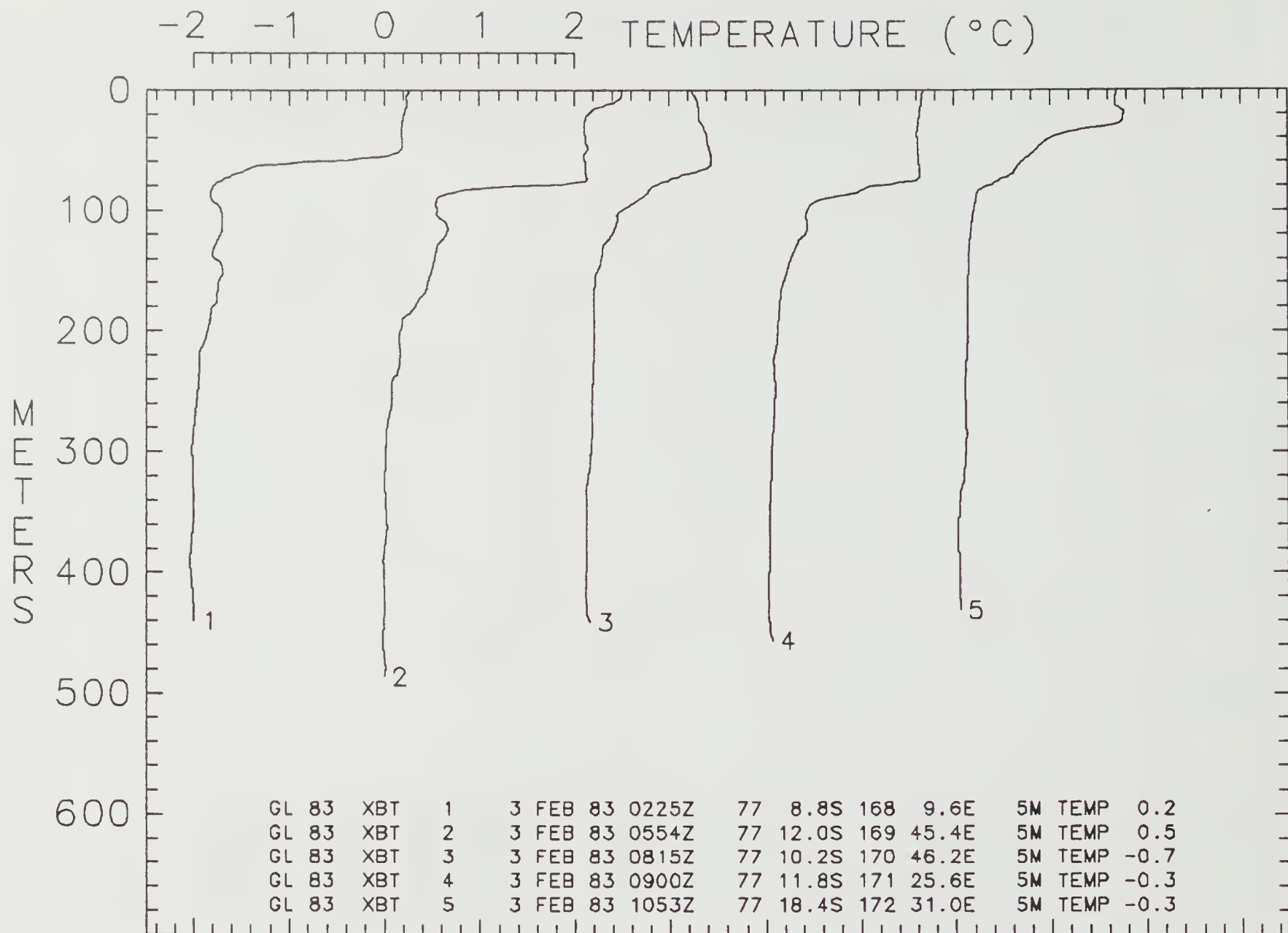


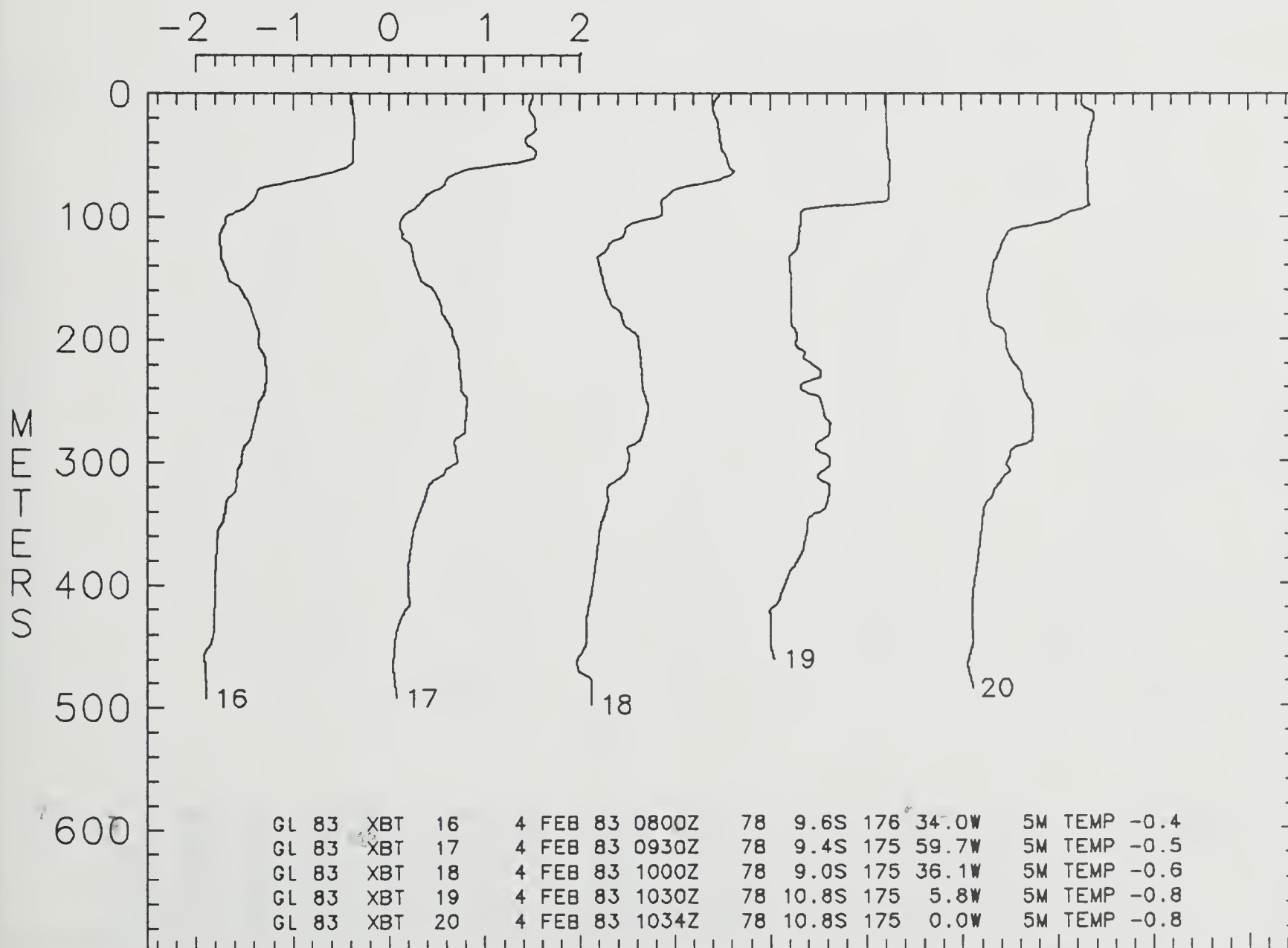
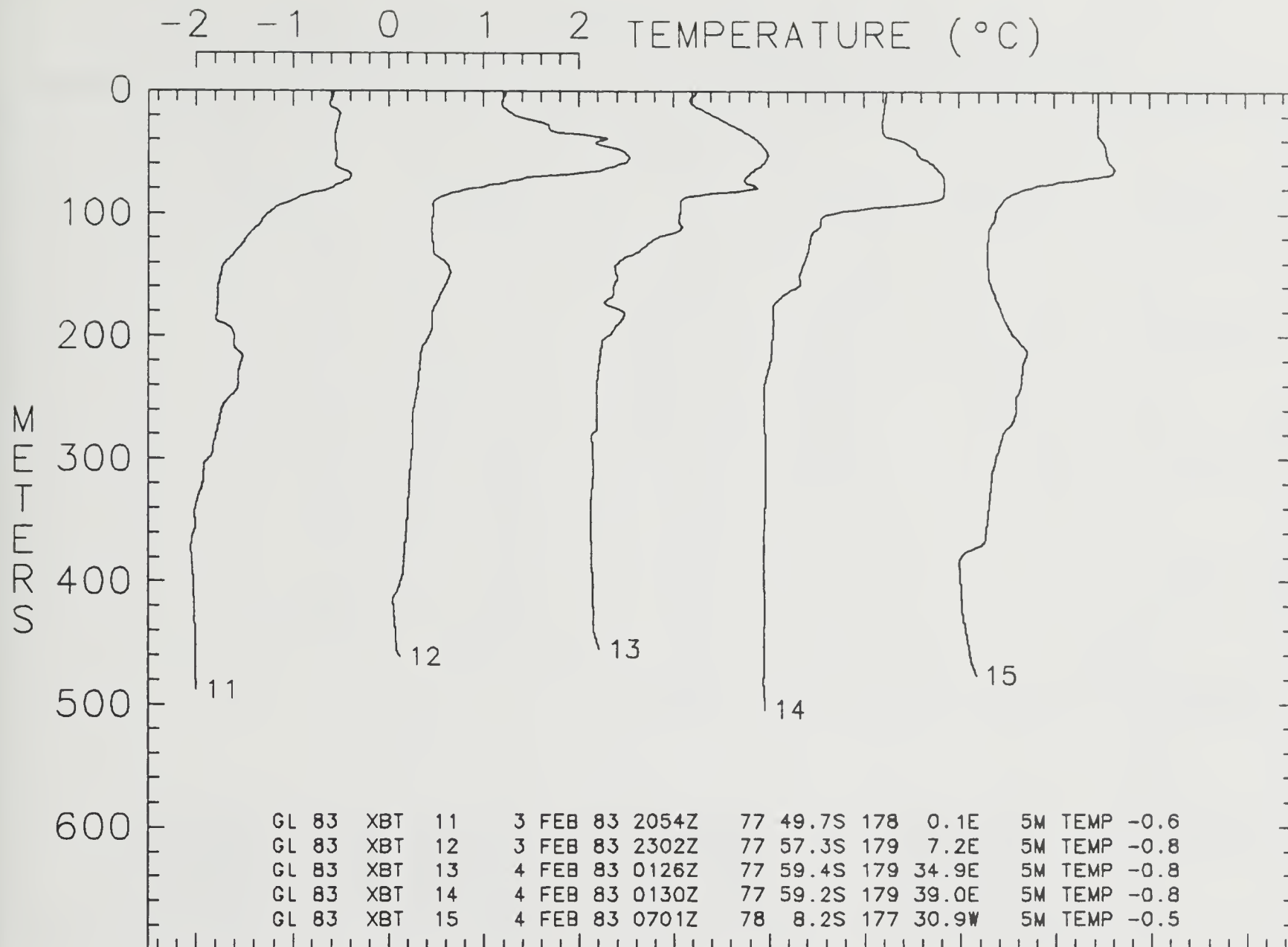


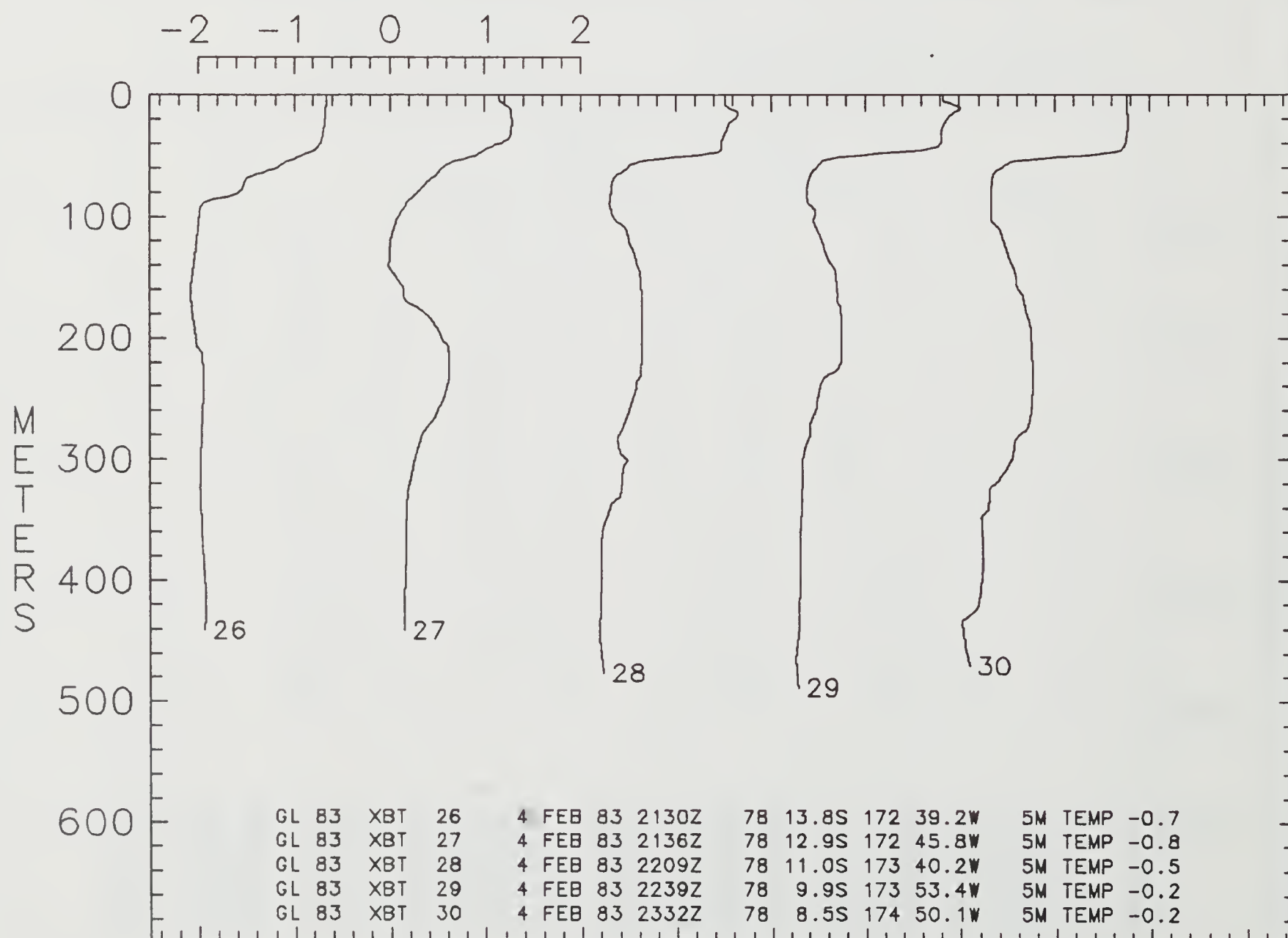
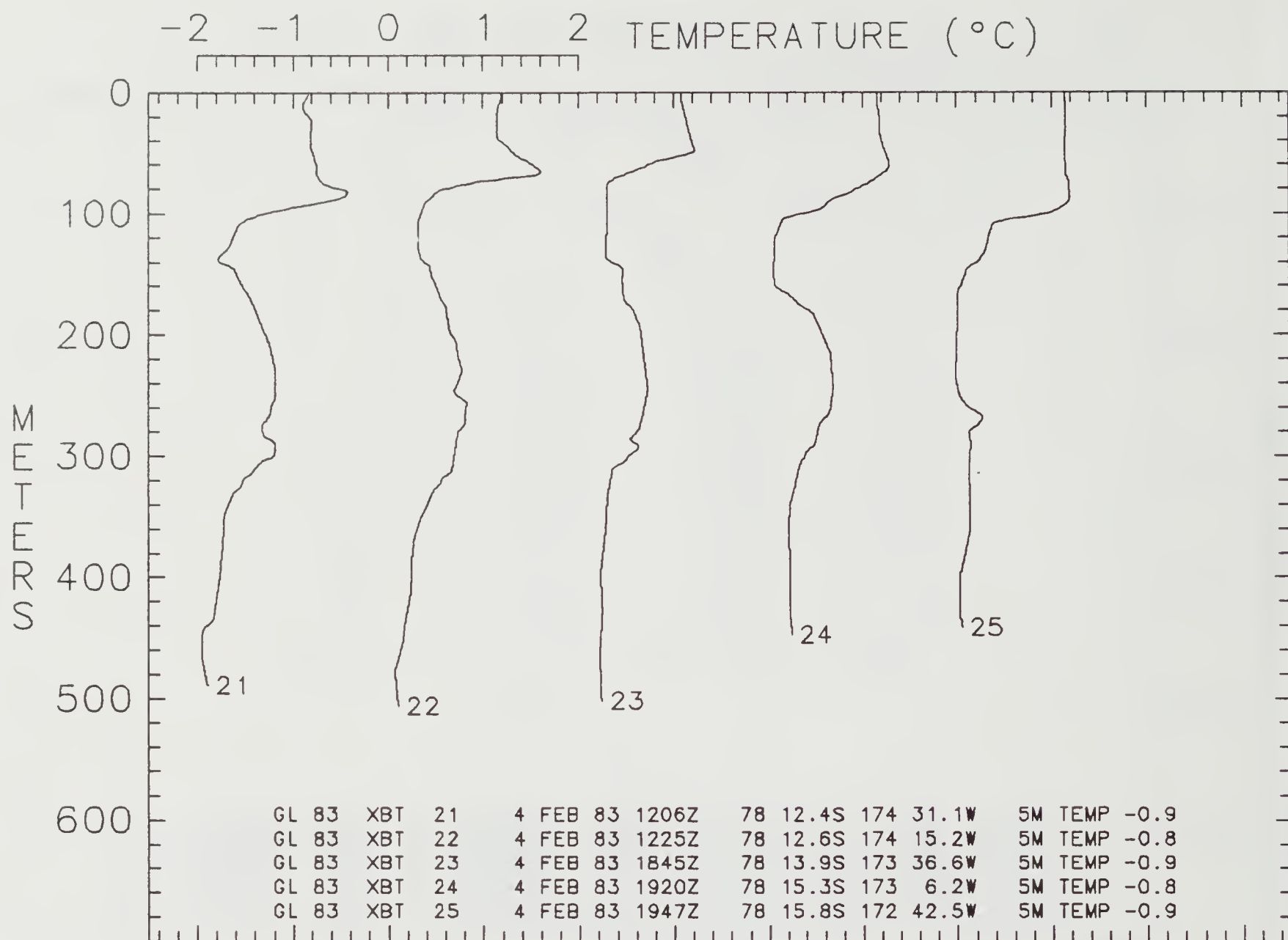




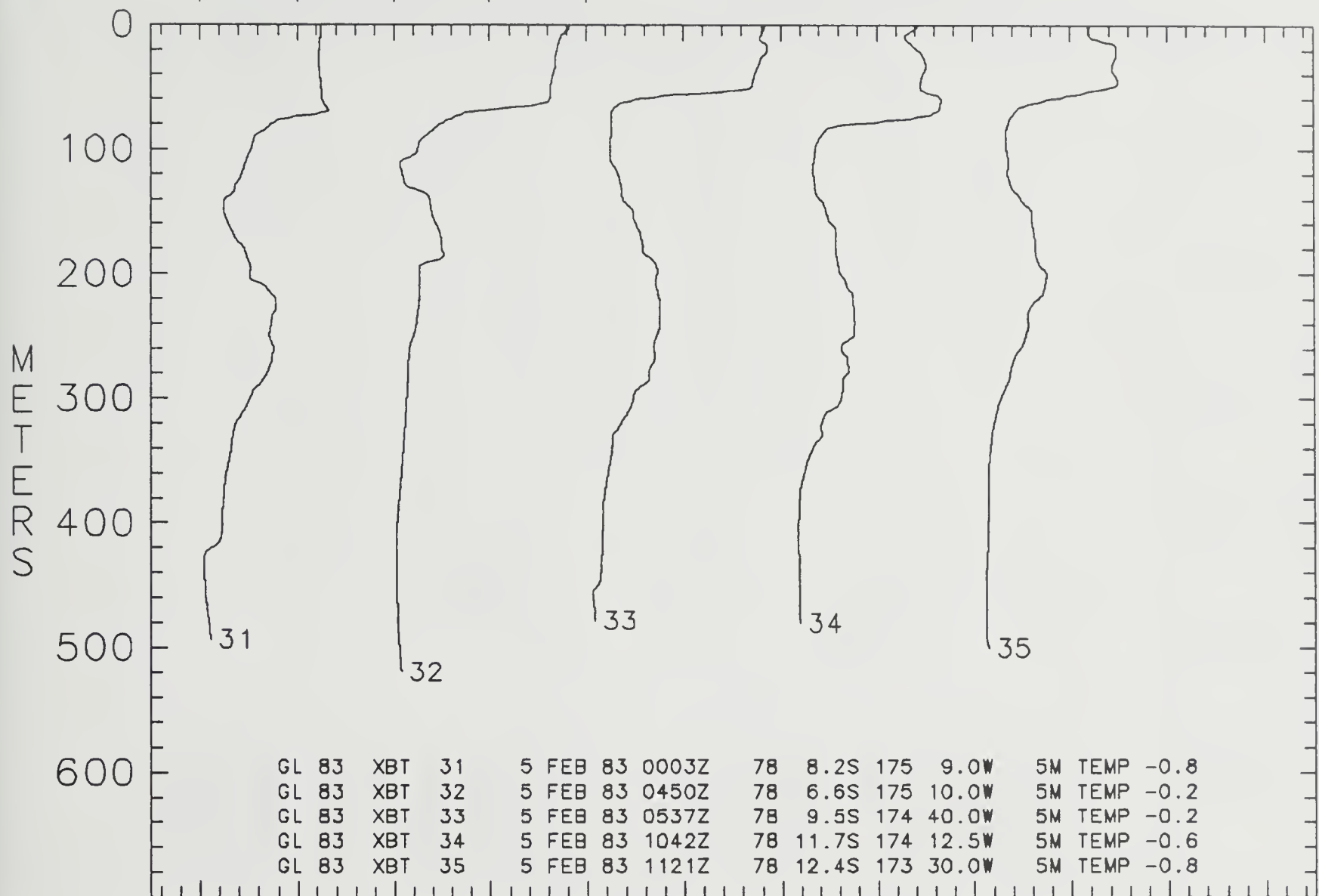




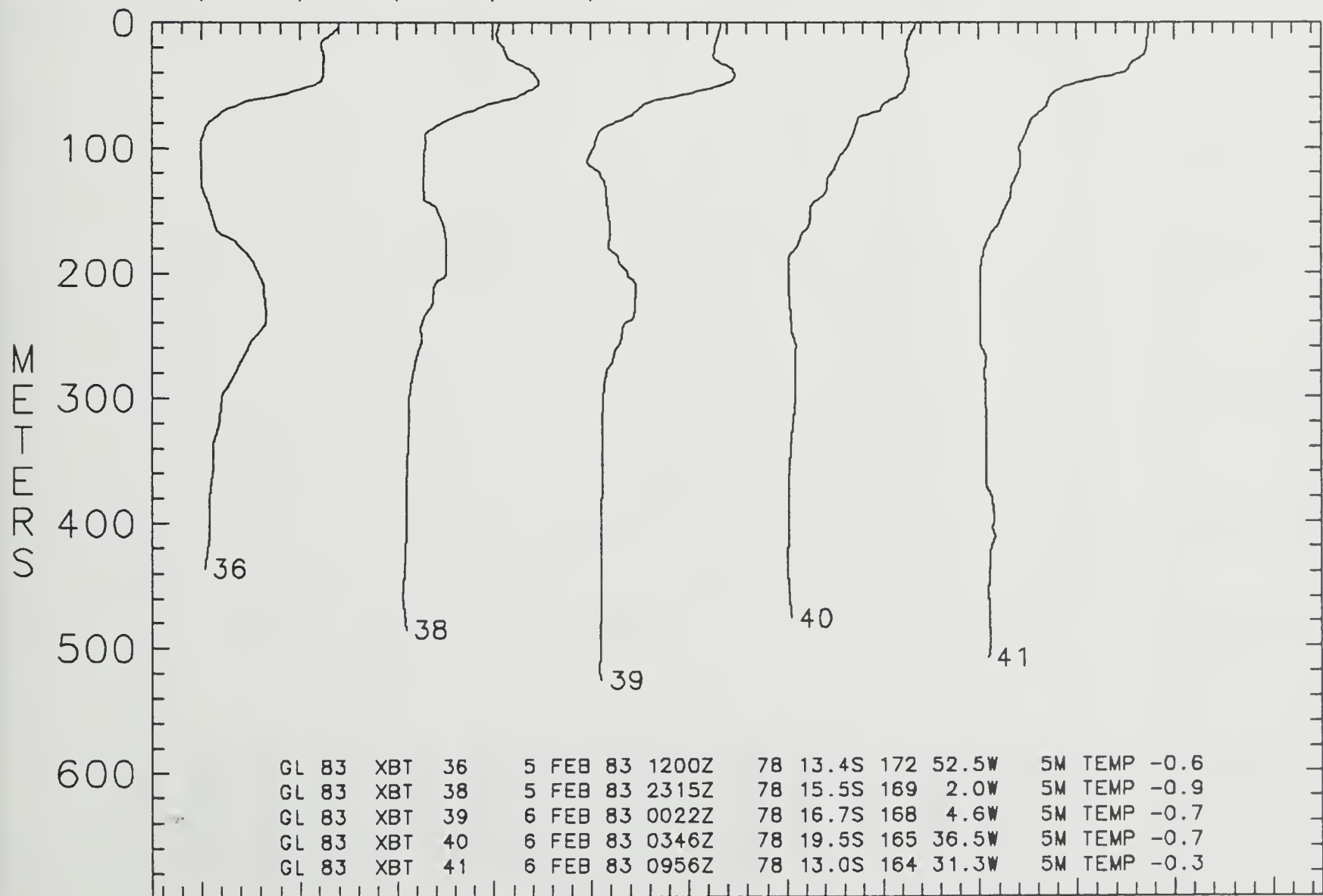


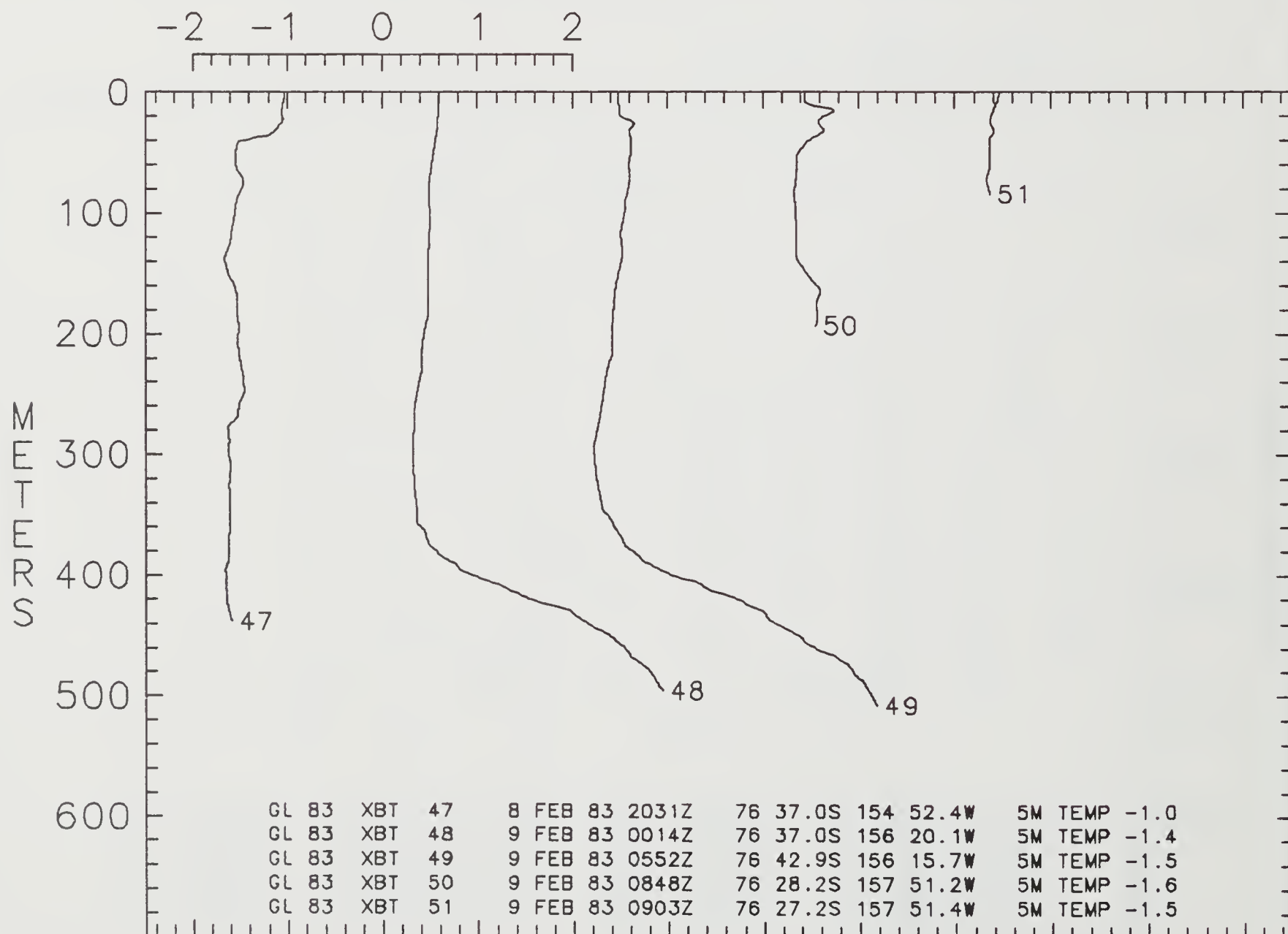
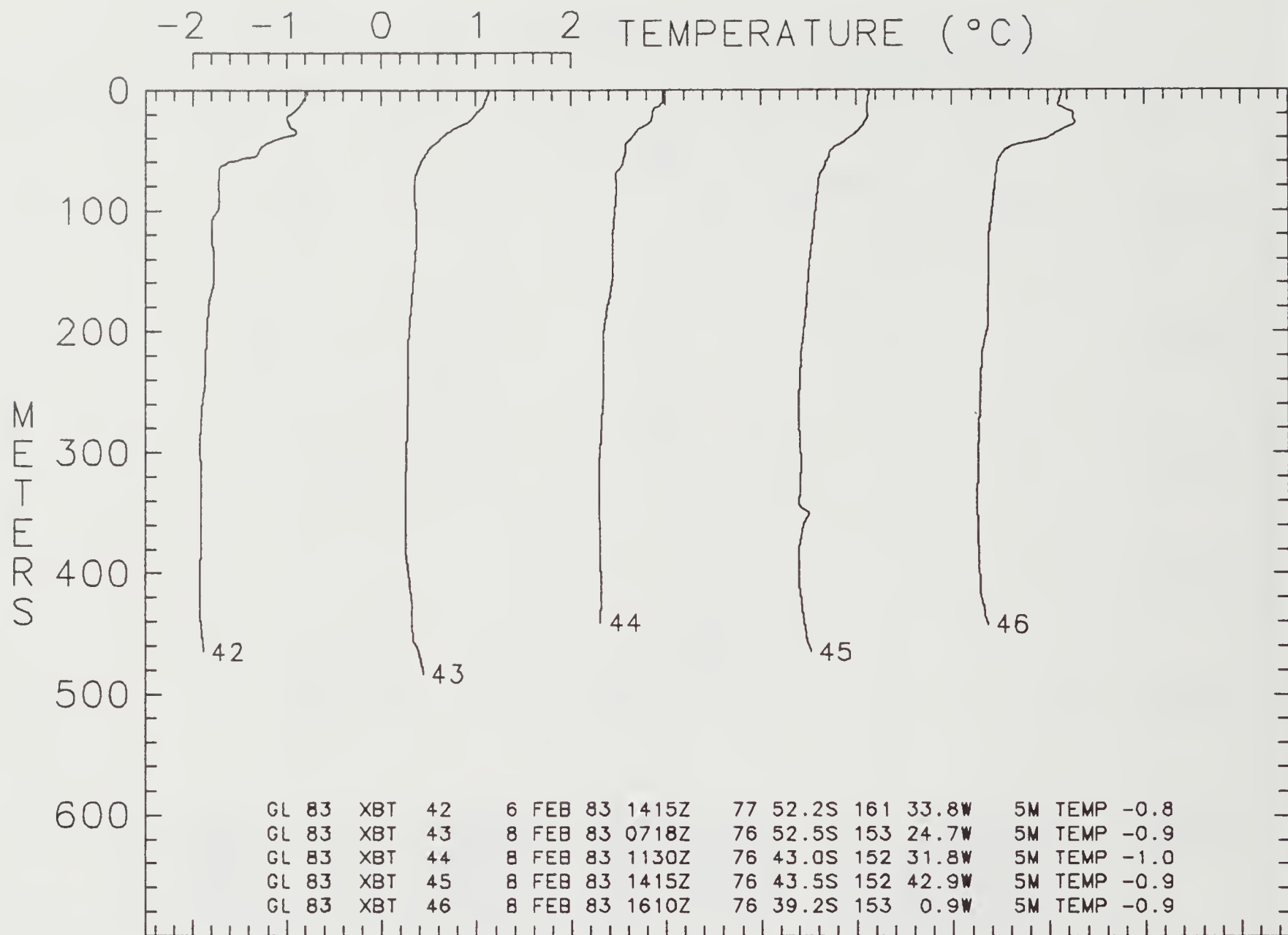


-2 -1 0 1 2 TEMPERATURE (°C)

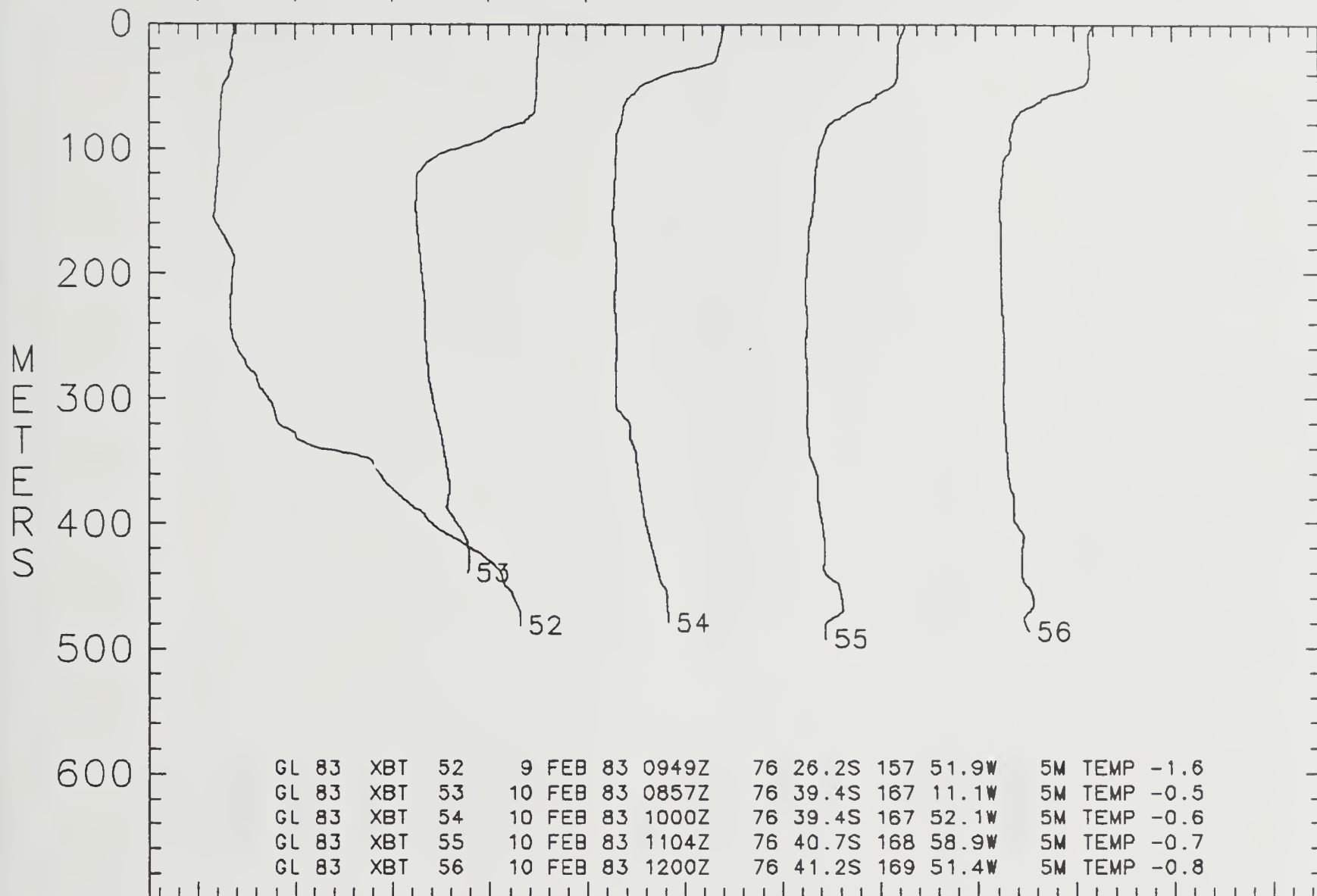


-2 -1 0 1 2

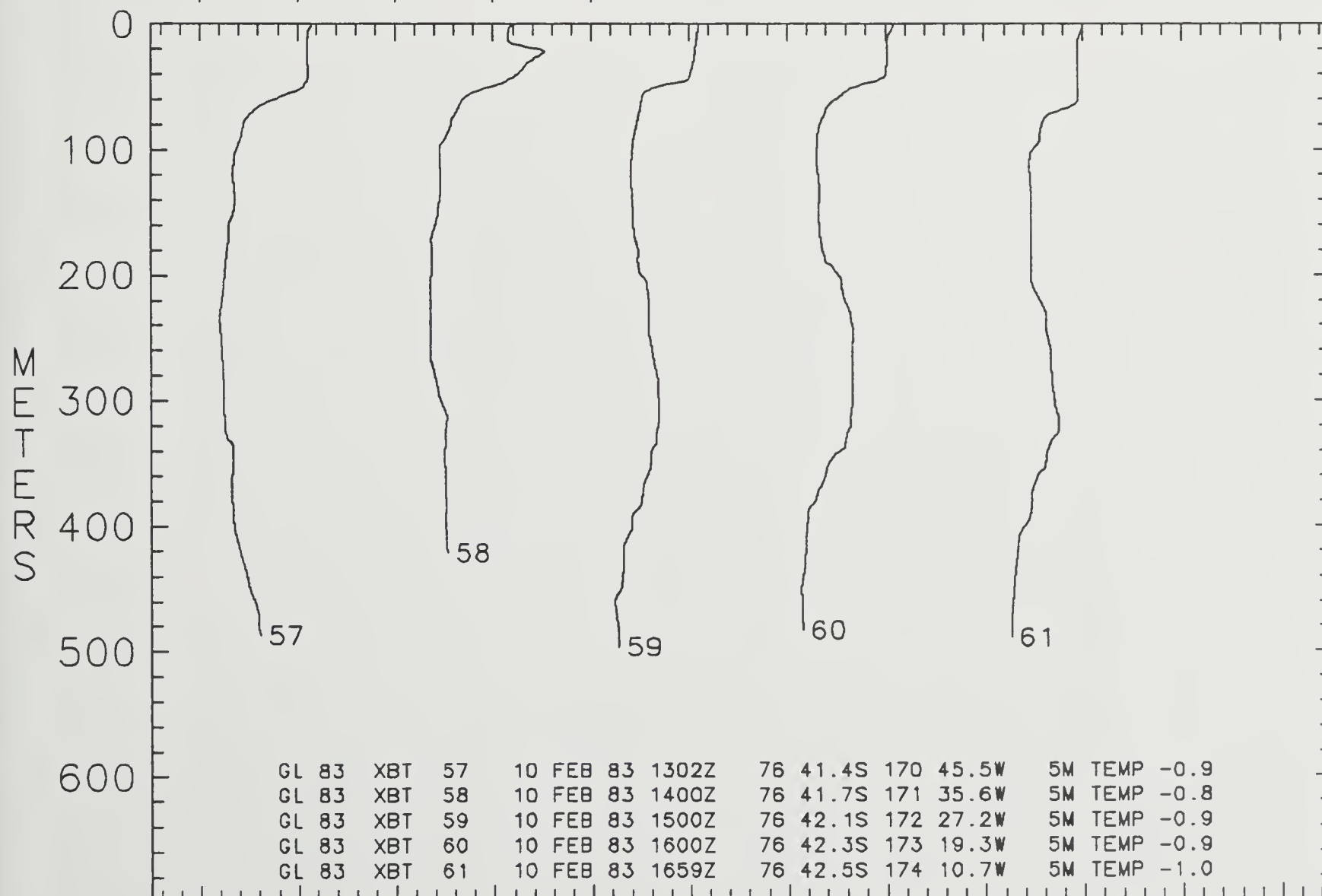


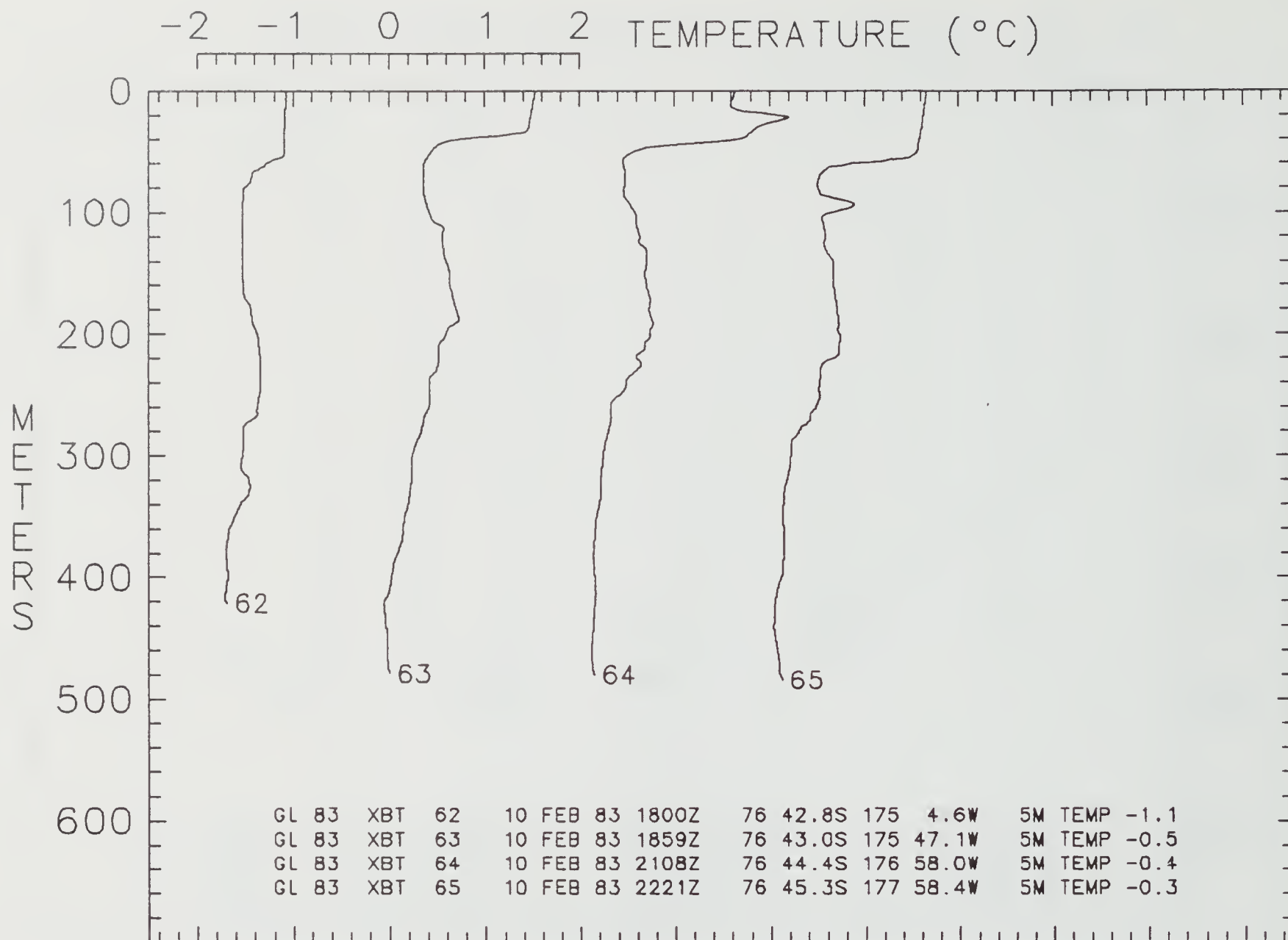


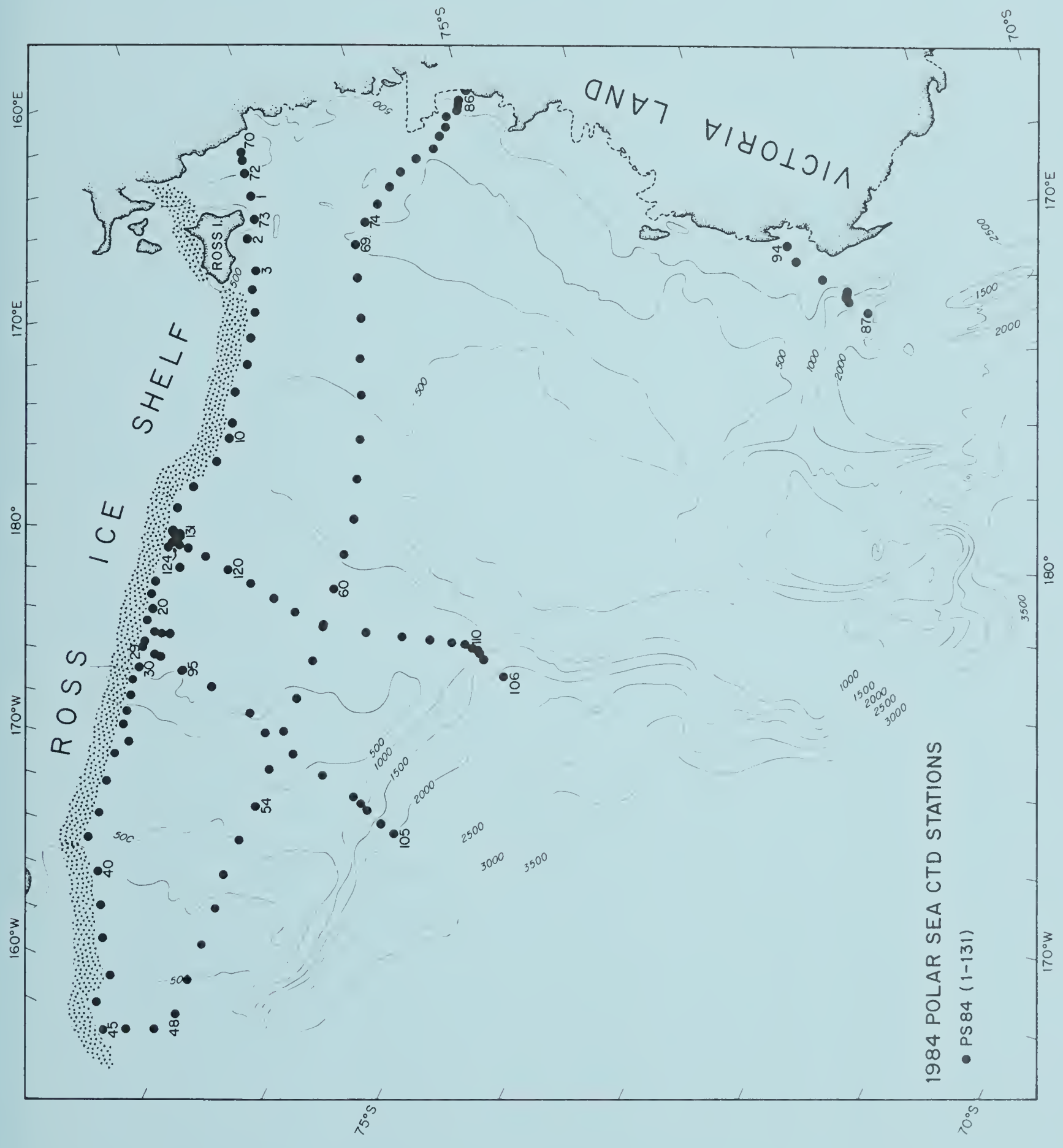
-2 -1 0 1 2 TEMPERATURE (°C)



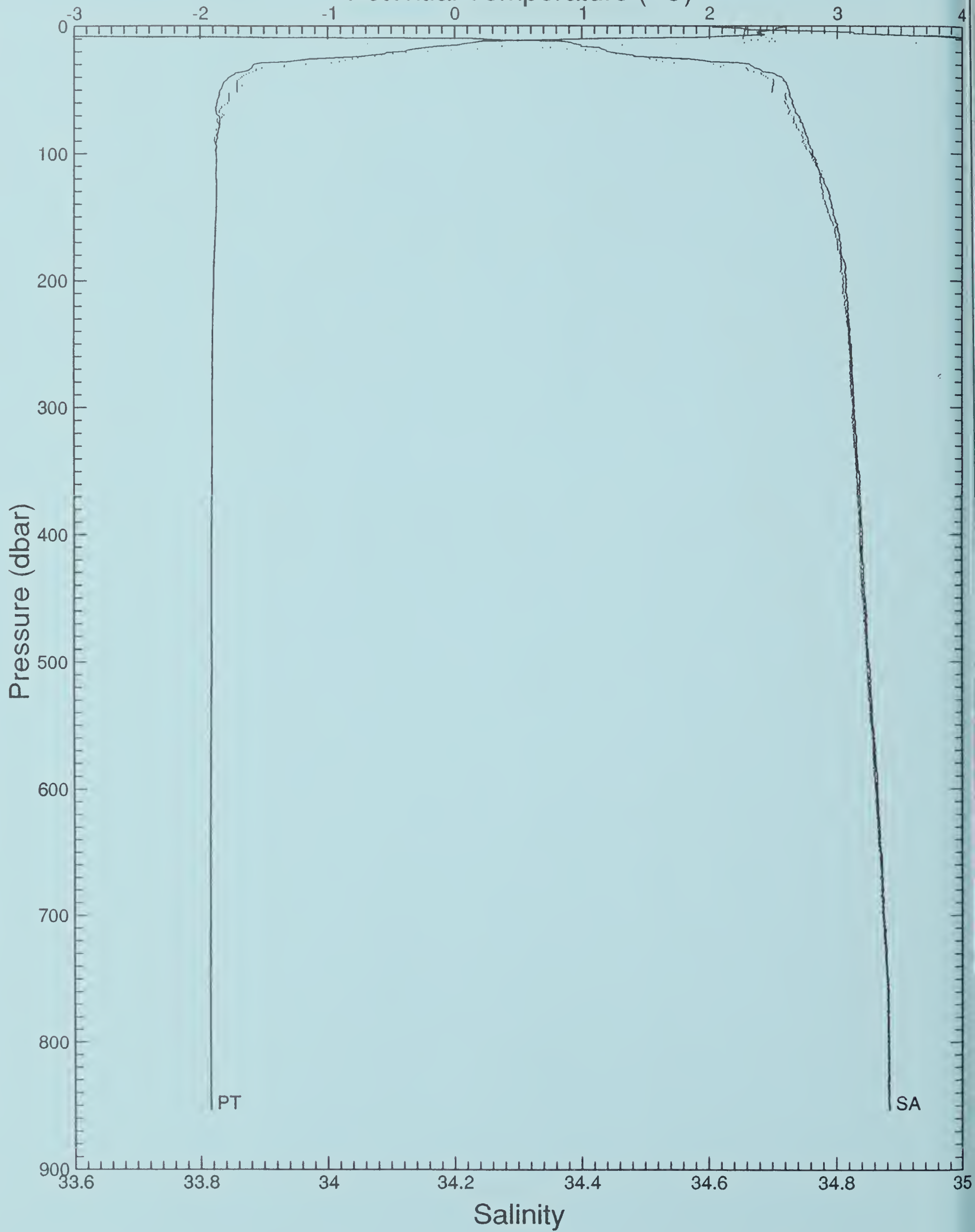
-2 -1 0 1 2







Potential Temperature (°C)

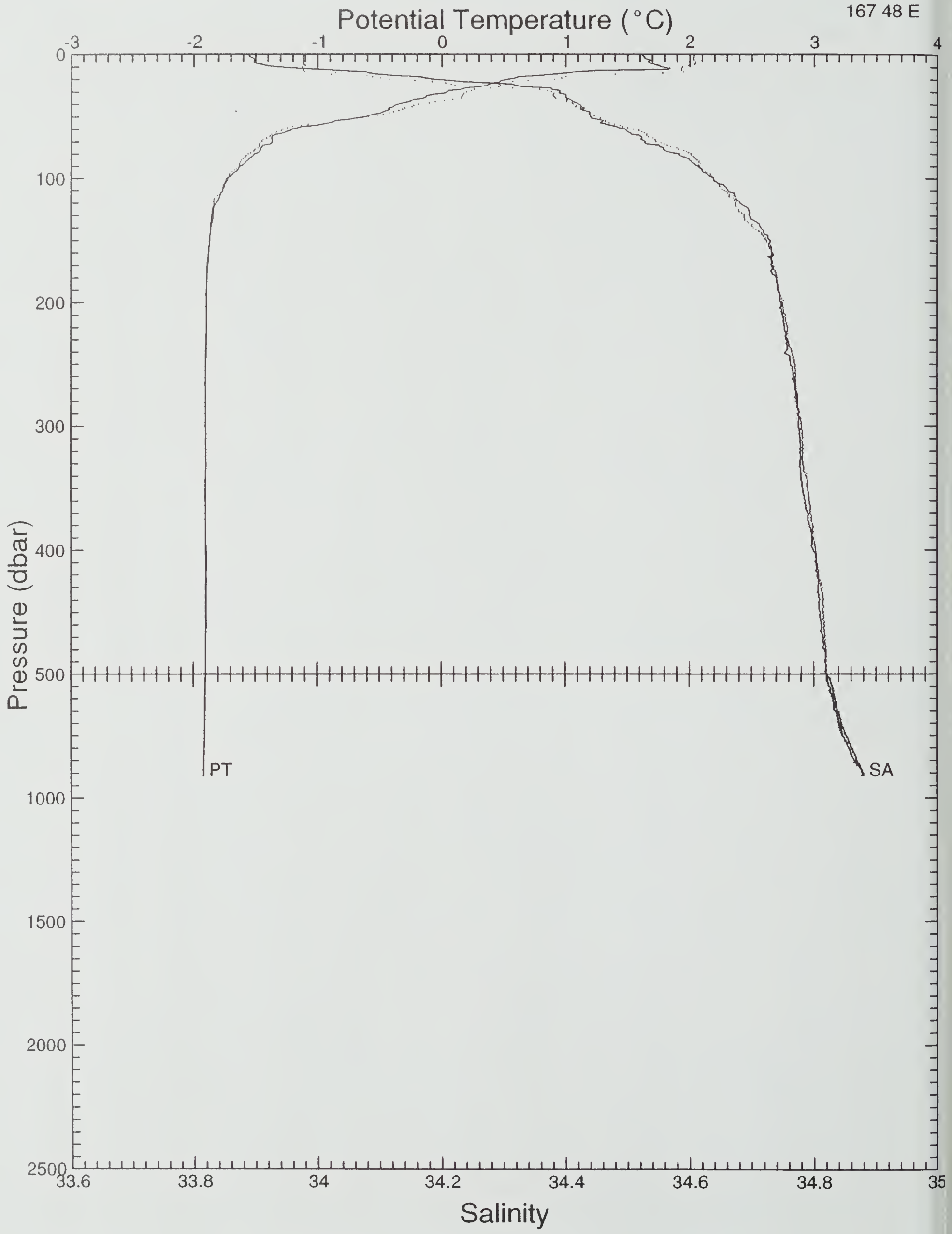


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.068	166.030	872	25	1003	230	5	4.		0628	22	JAN	1984	PS	84	1	1

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
1	1	0	2.582	2.582	4.40	4.40	33.209	26.491	28.829	31.141	35.686	153.1	0.000	1458.3	0
1	1	10	1.122	1.122	3.01	3.00	34.233	27.421	29.775	32.103	36.680	64.9	0.011	1453.4	9
1	1	20	-0.391	-0.392	1.51	1.50	34.439	27.673	30.049	32.398	37.016	41.0	0.016	1446.9	19
1	1	30	-1.575	-1.576	0.35	0.33	34.663	27.901	30.294	32.660	37.312	19.3	0.019	1441.8	29
1	1	40	-1.766	-1.767	0.17	0.14	34.713	27.947	30.343	32.712	37.369	14.9	0.021	1441.1	39
1	1	50	-1.838	-1.839	0.11	0.07	34.725	27.959	30.356	32.726	37.386	13.7	0.022	1441.0	49
1	1	60	-1.865	-1.866	0.09	0.04	34.730	27.963	30.361	32.731	37.392	13.2	0.024	1441.0	59
1	1	70	-1.858	-1.859	0.10	0.05	34.739	27.971	30.368	32.738	37.399	12.5	0.025	1441.2	69
1	1	80	-1.850	-1.852	0.12	0.06	34.748	27.978	30.375	32.745	37.405	11.7	0.026	1441.4	79
1	1	90	-1.866	-1.868	0.11	0.04	34.756	27.985	30.382	32.752	37.413	11.0	0.027	1441.5	89
1	1	100	-1.870	-1.872	0.11	0.04	34.762	27.990	30.387	32.758	37.418	10.5	0.028	1441.7	98
1	1	125	-1.864	-1.867	0.14	0.05	34.783	28.007	30.404	32.774	37.434	8.7	0.031	1442.1	123
1	1	150	-1.870	-1.873	0.15	0.04	34.797	28.018	30.415	32.786	37.446	7.5	0.033	1442.5	148
1	1	175	-1.879	-1.883	0.16	0.03	34.807	28.027	30.424	32.794	37.455	6.6	0.035	1442.9	173
1	1	200	-1.888	-1.892	0.17	0.02	34.815	28.033	30.431	32.801	37.462	5.8	0.036	1443.3	197
1	1	225	-1.891	-1.896	0.19	0.02	34.818	28.036	30.433	32.804	37.465	5.4	0.038	1443.7	222
1	1	250	-1.893	-1.898	0.21	0.02	34.824	28.041	30.438	32.809	37.470	4.8	0.039	1444.1	247
1	1	275	-1.894	-1.900	0.23	0.02	34.825	28.042	30.439	32.810	37.471	4.6	0.040	1444.5	271
1	1	300	-1.895	-1.902	0.24	0.02	34.827	28.043	30.441	32.812	37.472	4.3	0.041	1444.9	296
1	1	325	-1.895	-1.902	0.26	0.02	34.832	28.047	30.445	32.816	37.476	3.8	0.042	1445.3	321
1	1	350	-1.896	-1.904	0.28	0.02	34.836	28.051	30.448	32.819	37.480	3.3	0.043	1445.7	345
1	1	375	-1.895	-1.904	0.30	0.02	34.838	28.052	30.450	32.821	37.481	3.0	0.044	1446.1	370
1	1	400	-1.898	-1.907	0.32	0.02	34.841	28.055	30.453	32.823	37.484	2.7	0.045	1446.5	395
1	1	425	-1.899	-1.909	0.33	0.01	34.844	28.057	30.455	32.826	37.487	2.3	0.045	1446.9	420
1	1	450	-1.898	-1.909	0.35	0.02	34.846	28.059	30.457	32.827	37.488	2.0	0.046	1447.3	444
1	1	475	-1.898	-1.909	0.37	0.02	34.847	28.060	30.457	32.828	37.489	1.8	0.046	1447.7	469
1	1	500	-1.895	-1.907	0.40	0.02	34.851	28.063	30.461	32.831	37.492	1.4	0.047	1448.2	494
1	1	550	-1.898	-1.911	0.43	0.02	34.857	28.068	30.466	32.836	37.497	0.6	0.047	1449.0	543
1	1	600	-1.901	-1.916	0.47	0.01	34.865	28.075	30.472	32.843	37.504	-0.3	0.047	1449.8	592
1	1	650	-1.901	-1.918	0.50	0.01	34.871	28.080	30.477	32.848	37.509	-1.0	0.047	1450.6	642
1	1	700	-1.901	-1.919	0.54	0.01	34.875	28.083	30.481	32.851	37.512	-1.6	0.046	1451.5	691
1	1	750	-1.901	-1.921	0.58	0.02	34.882	28.089	30.486	32.857	37.518	-2.3	0.045	1452.3	740
1	1	800	-1.899	-1.921	0.62	0.02	34.882	28.089	30.486	32.857	37.518	-2.6	0.044	1453.1	789
1	1	850	-1.897	-1.920	0.66	0.02	34.885	28.091	30.489	32.859	37.520	-3.1	0.043	1454.0	839
1	1	853	-1.897	-1.920	0.66	0.02	34.884	28.090	30.488	32.859	37.519	-3.0	0.043	1454.0	842

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.082	166.042	872	25	1003	230	6	5.		0712	22	JAN	1984	PS	84	2	1

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
1	2	0	2.452	2.452	4.28	4.28	33.258	26.541	28.880	31.194	35.742	148.3	0.000	1457.8	0
1	2	10	2.494	2.493	4.32	4.32	33.253	26.534	28.872	31.185	35.732	149.1	0.015	1458.1	9
1	2	20	-0.211	-0.212	1.69	1.68	34.423	27.651	30.024	32.371	36.984	43.1	0.025	1447.7	19
1	2	30	-1.169	-1.170	0.75	0.73	34.607	27.841	30.228	32.589	37.229	25.0	0.028	1443.7	29
1	2	40	-1.670	-1.671	0.27	0.23	34.689	27.925	30.319	32.687	37.342	17.0	0.030	1441.5	39
1	2	50	-1.707	-1.708	0.24	0.20	34.699	27.934	30.329	32.697	37.353	16.1	0.032	1441.5	49
1	2	60	-1.780	-1.781	0.17	0.13	34.719	27.952	30.348	32.718	37.376	14.3	0.033	1441.4	59
1	2	70	-1.809	-1.810	0.15	0.10	34.729	27.961	30.358	32.727	37.386	13.4	0.035	1441.4	69
1	2	80	-1.844	-1.846	0.12	0.06	34.737	27.969	30.366	32.736	37.396	12.6	0.036	1441.4	79
1	2	90	-1.886	-1.888	0.09	0.02	34.748	27.979	30.376	32.747	37.408	11.6	0.037	1441.4	89
1	2	100	-1.869	-1.871	0.11	0.04	34.759	27.987	30.385	32.755	37.415	10.7	0.038	1441.7	98
1	2	125	-1.863	-1.866	0.14	0.05	34.777	28.002	30.399	32.769	37.429	9.2	0.041	1442.1	123
1	2	150	-1.868	-1.871	0.16	0.04	34.790	28.012	30.410	32.780	37.440	8.1	0.043	1442.5	148
1	2	175	-1.878	-1.882	0.17	0.03	34.802	28.022	30.420	32.790	37.451	7.0	0.045	1442.9	173
1	2	200	-1.886	-1.890	0.18	0.03	34.811	28.030	30.427	32.798	37.459	6.1	0.046	1443.3	197
1	2	225	-1.890	-1.895	0.19	0.02	34.815	28.033	30.431	32.801	37.462	5.7	0.048	1443.7	222
1	2	250	-1.897	-1.902	0.20	0.02	34.820	28.038	30.435	32.806	37.467	5.1	0.049	1444.0	247
1	2	275	-1.897	-1.903	0.22	0.02	34.823	28.040	30.438	32.808	37.469	4.7	0.050	1444.5	271
1	2	300	-1.895	-1.902	0.24	0.02	34.827	28.043	30.441	32.812	37.472	4.3	0.052	1444.9	296
1	2	325	-1.894	-1.901	0.26	0.02	34.828	28.044	30.442	32.812	37.473	4.1	0.053	1445.3	321
1	2	350	-1.896	-1.904	0.28	0.02	34.832	28.047	30.445	32.816	37.477	3.6	0.054	1445.7	345
1	2	375	-1.896	-1.905	0.30	0.02	34.834	28.049	30.447	32.817	37.478	3.4	0.054	1446.1	370
1	2	400	-1.896	-1.905	0.32	0.02	34.837	28.052	30.449	32.820	37.481	3.0	0.055	1446.5	395
1	2	425	-1.898	-1.908	0.34	0.02	34.838	28.052	30.450	32.821	37.482	2.8	0.056	1446.9	420
1	2	450	-1.898	-1.909	0.35	0.02	34.843	28.057	30.454	32.825	37.486	2.2	0.057	1447.3	444
1	2	475	-1.895	-1.906	0.38	0.02	34.845	28.058	30.456	32.826	37.487	2.0	0.057	1447.8	469
1	2	500	-1.893	-1.905	0.40	0.02	34.848	28.061	30.458	32.829	37.489	1.6	0.058	1448.2	494

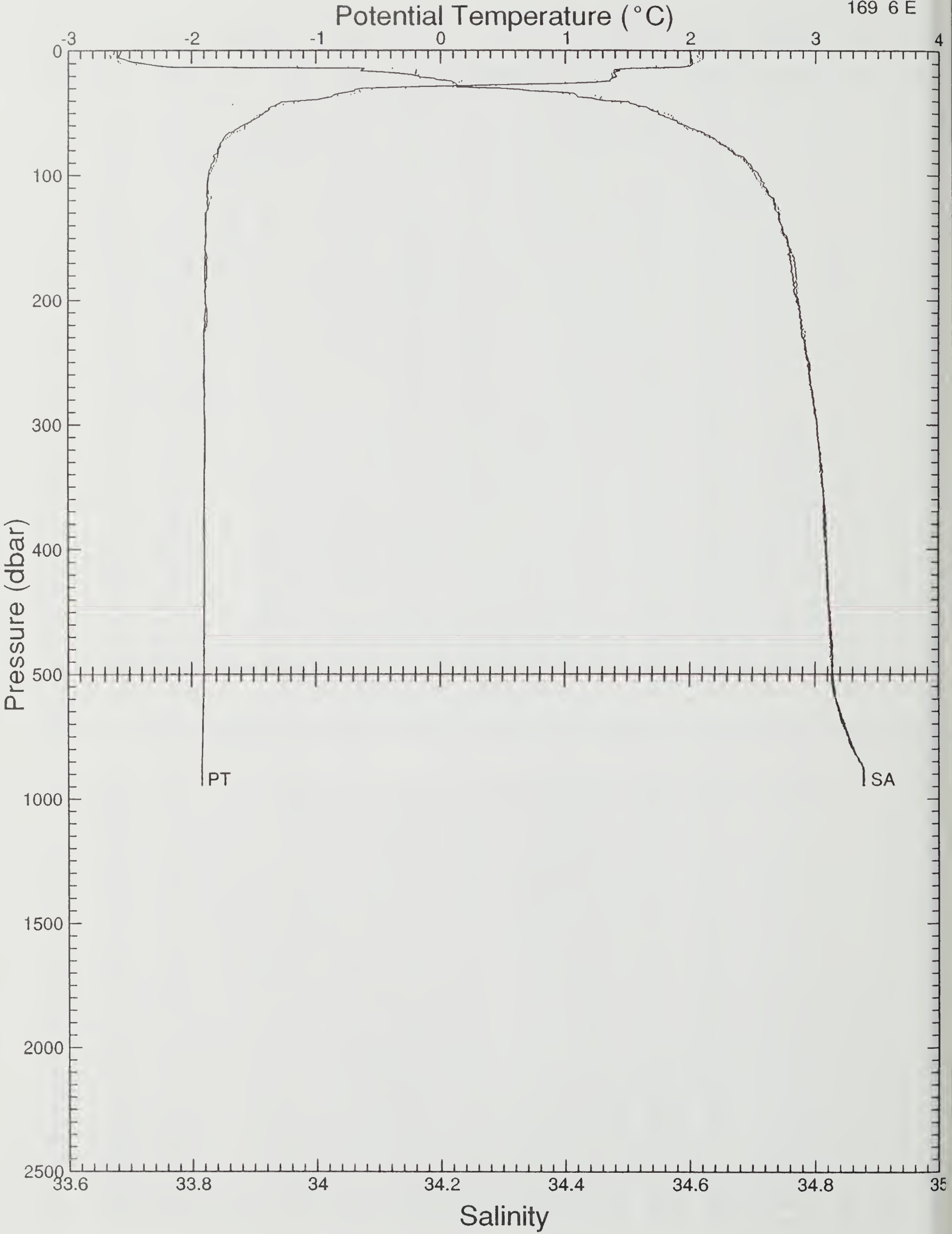


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.175	167.800	920	14	1002	80	3	3.		0949	22	JAN	1984	PS	84	1	2

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
2	1	0	1.616	1.616	3.48	3.48	33.889	27.110	29.459	31.781	36.347	94.3	0.000	1454.9	0
2	1	10	1.778	1.778	3.65	3.64	33.935	27.135	29.481	31.801	36.362	92.0	0.009	1455.9	9
2	1	20	0.531	0.530	2.42	2.41	34.187	27.421	29.784	32.120	36.714	64.9	0.017	1450.8	19
2	1	30	0.041	0.040	1.95	1.93	34.390	27.612	29.981	32.324	36.930	46.8	0.023	1449.0	29
2	1	40	-0.352	-0.353	1.57	1.54	34.421	27.656	30.032	32.380	36.998	42.5	0.027	1447.4	39
2	1	50	-0.611	-0.612	1.32	1.28	34.442	27.685	30.064	32.417	37.042	39.7	0.031	1446.4	49
2	1	60	-1.204	-1.206	0.74	0.69	34.496	27.753	30.141	32.502	37.144	33.2	0.035	1443.8	59
2	1	70	-1.365	-1.367	0.58	0.53	34.529	27.785	30.175	32.539	37.186	30.1	0.038	1443.3	69
2	1	80	-1.510	-1.512	0.45	0.39	34.584	27.834	30.227	32.592	37.243	25.4	0.041	1442.8	79
2	1	90	-1.626	-1.628	0.34	0.27	34.614	27.862	30.257	32.624	37.278	22.6	0.043	1442.5	89
2	1	100	-1.736	-1.738	0.24	0.17	34.639	27.886	30.282	32.651	37.308	20.3	0.046	1442.1	98
2	1	125	-1.844	-1.847	0.16	0.06	34.695	27.934	30.332	32.702	37.362	15.6	0.050	1442.1	123
2	1	150	-1.868	-1.871	0.15	0.04	34.730	27.964	30.361	32.732	37.392	12.7	0.054	1442.4	148
2	1	175	-1.884	-1.888	0.16	0.02	34.732	27.966	30.363	32.734	37.395	12.3	0.057	1442.8	173
2	1	200	-1.891	-1.895	0.17	0.02	34.747	27.978	30.376	32.747	37.408	11.0	0.060	1443.2	197
2	1	225	-1.888	-1.893	0.19	0.02	34.756	27.985	30.383	32.754	37.415	10.2	0.062	1443.6	222
2	1	250	-1.896	-1.901	0.20	0.01	34.763	27.991	30.389	32.760	37.421	9.5	0.065	1444.0	247
2	1	275	-1.894	-1.900	0.22	0.02	34.775	28.001	30.399	32.770	37.431	8.4	0.067	1444.4	271
2	1	300	-1.893	-1.900	0.24	0.02	34.776	28.002	30.400	32.770	37.432	8.2	0.069	1444.8	296
2	1	325	-1.891	-1.898	0.26	0.02	34.780	28.005	30.403	32.774	37.435	7.8	0.071	1445.2	321
2	1	350	-1.891	-1.899	0.28	0.02	34.783	28.007	30.405	32.776	37.437	7.4	0.073	1445.7	345
2	1	375	-1.894	-1.903	0.30	0.02	34.791	28.014	30.412	32.783	37.444	6.6	0.075	1446.1	370
2	1	400	-1.892	-1.901	0.32	0.02	34.800	28.021	30.419	32.790	37.451	5.8	0.076	1446.5	395
2	1	425	-1.885	-1.895	0.35	0.03	34.807	28.027	30.424	32.795	37.456	5.2	0.078	1446.9	420
2	1	450	-1.884	-1.895	0.37	0.03	34.811	28.030	30.428	32.798	37.459	4.7	0.079	1447.4	444
2	1	475	-1.891	-1.902	0.38	0.02	34.816	28.034	30.432	32.803	37.464	4.2	0.080	1447.7	469
2	1	500	-1.890	-1.902	0.40	0.02	34.819	28.037	30.434	32.805	37.466	3.8	0.081	1448.2	494
2	1	550	-1.890	-1.903	0.44	0.02	34.824	28.041	30.439	32.809	37.470	3.2	0.083	1449.0	543
2	1	600	-1.893	-1.908	0.47	0.02	34.829	28.045	30.443	32.814	37.475	2.5	0.084	1449.8	592
2	1	650	-1.891	-1.908	0.51	0.02	34.836	28.051	30.448	32.819	37.480	1.7	0.085	1450.6	642
2	1	700	-1.891	-1.909	0.55	0.02	34.840	28.054	30.452	32.822	37.483	1.2	0.086	1451.5	691
2	1	750	-1.891	-1.911	0.59	0.02	34.847	28.060	30.458	32.828	37.489	0.4	0.086	1452.3	740
2	1	800	-1.892	-1.914	0.62	0.02	34.856	28.067	30.465	32.836	37.496	-0.6	0.086	1453.1	789
2	1	850	-1.894	-1.917	0.66	0.02	34.866	28.075	30.473	32.844	37.505	-1.6	0.086	1454.0	839
2	1	900	-1.895	-1.920	0.70	0.02	34.881	28.088	30.485	32.856	37.517	-3.0	0.084	1454.8	888
2	1	913	-1.894	-1.920	0.71	0.02	34.880	28.087	30.485	32.855	37.516	-3.0	0.084	1455.0	901

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.170	167.713	920	14	1002	70	5	3.		1030	22	JAN	1984	PS	84	2	2

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
2	2	0	2.034	2.034	3.90	3.90	33.978	27.150	29.493	31.809	36.362	90.5	0.000	1456.9	0
2	2	10	1.943	1.942	3.81	3.81	33.975	27.155	29.499	31.816	36.372	90.1	0.009	1456.7	9
2	2	20	0.914	0.913	2.80	2.79	34.115	27.339	29.697	32.028	36.612	72.6	0.017	1452.4	19
2	2	30	0.198	0.197	2.11	2.08	34.377	27.593	29.960	32.301	36.903	48.6	0.023	1449.7	29
2	2	40	-0.189	-0.190	1.73	1.70	34.412	27.641	30.014	32.360	36.973	44.0	0.028	1448.1	39
2	2	50	-0.589	-0.591	1.34	1.30	34.440	27.683	30.061	32.414	37.038	40.0	0.032	1446.5	49
2	2	60	-1.282	-1.283	0.66	0.61	34.509	27.766	30.155	32.517	37.162	32.0	0.036	1443.5	59
2	2	70	-1.446	-1.448	0.50	0.45	34.546	27.801	30.193	32.558	37.207	28.5	0.039	1442.9	69
2	2	80	-1.560	-1.562	0.40	0.34	34.602	27.851	30.244	32.610	37.262	23.8	0.041	1442.6	79
2	2	90	-1.629	-1.631	0.34	0.27	34.616	27.864	30.258	32.626	37.280	22.5	0.044	1442.5	89
2	2	100	-1.720	-1.722	0.26	0.18	34.639	27.885	30.281	32.650	37.307	20.4	0.046	1442.2	98
2	2	125	-1.837	-1.840	0.16	0.07	34.679	27.921	30.319	32.689	37.349	16.8	0.050	1442.1	123
2	2	150	-1.866	-1.869	0.15	0.04	34.724	27.959	30.356	32.727	37.387	13.1	0.054	1442.4	148
2	2	175	-1.887	-1.891	0.15	0.02	34.738	27.971	30.368	32.739	37.401	11.9	0.057	1442.8	173
2	2	200	-1.888	-1.892	0.17	0.02	34.750	27.980	30.378	32.749	37.410	10.8	0.060	1443.2	197
2	2	225	-1.891	-1.896	0.19	0.02	34.759	27.988	30.386	32.756	37.418	9.9	0.063	1443.6	222
2	2	250	-1.897	-1.902	0.20	0.01	34.770	27.997	30.395	32.766	37.427	8.9	0.065	1444.0	247
2	2	275	-1.897	-1.903	0.22	0.01	34.772	27.999	30.396	32.767	37.429	8.6	0.067	1444.4	271
2	2	300	-1.891	-1.898	0.25	0.02	34.781	28.006	30.404	32.774	37.435	7.8	0.069	1444.8	296
2	2	325	-1.891	-1.898	0.26	0.02	34.782	28.007	30.404	32.775	37.436	7.6	0.071	1445.2	321
2	2	350	-1.896	-1.904	0.28	0.01	34.791	28.014	30.412	32.783	37.444	6.8	0.073	1445.6	345
2	2	375	-1.894	-1.903	0.30	0.02	34.797	28.019	30.417	32.787	37.449	6.2	0.075	1446.1	370
2	2	400	-1.885	-1.894	0.33	0.03	34.803	28.024	30.421	32.792	37.453	5.6	0.076	1446.5	395
2	2	425	-1.889	-1.899	0.34	0.02	34.810	28.029	30.427	32.798	37.459	4.9	0.078	1446.9	420
2	2	450	-1.890	-1.901	0.36	0.02	34.816	28.034	30.432	32.803	37.463	4.3	0.079	1447.3	444
2	2	475	-1.891	-1.902	0.38	0.02	34.819	28.037	30.434	32.805	37.466	4.0	0.080	1447.7	469



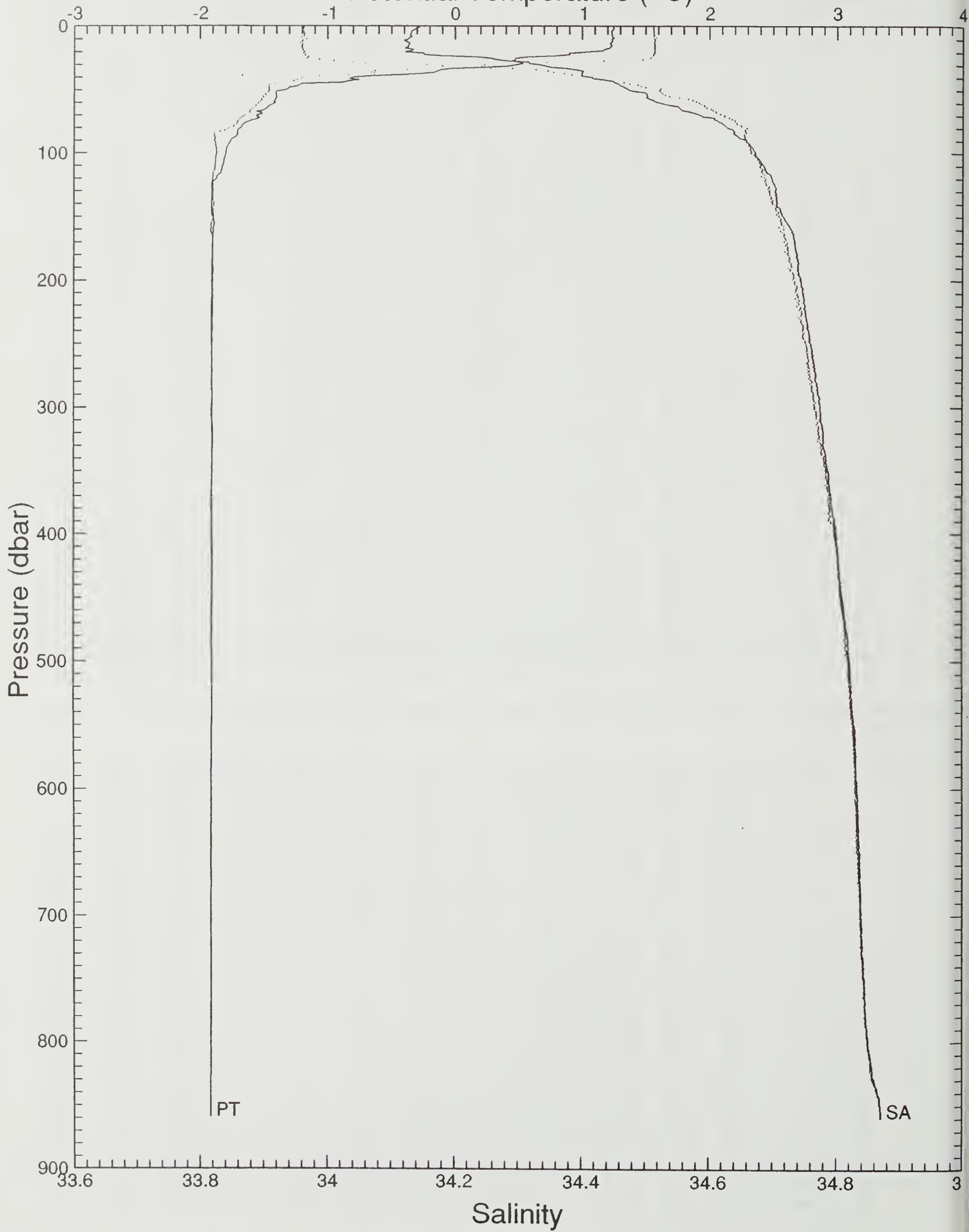
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.137	169.103	946	7	1002	270	2	4.		1233	22	JAN	1984	PS	84	1	3

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
3	1	0	1.998	1.998	3.84	3.84	33.686	26.919	29.263	31.581	36.138	112.4	0.000	1456.4	0
3	1	10	2.020	2.019	3.88	3.87	33.719	26.944	29.288	31.605	36.161	110.1	0.011	1456.7	9
3	1	20	1.412	1.411	3.30	3.29	34.163	27.345	29.695	32.019	36.588	72.2	0.020	1454.7	19
3	1	30	-0.629	-0.630	1.28	1.25	34.297	27.569	29.949	32.302	36.929	50.8	0.026	1445.8	29
3	1	40	-1.123	-1.124	0.80	0.77	34.463	27.723	30.110	32.470	37.110	36.1	0.031	1443.8	39
3	1	50	-1.415	-1.416	0.52	0.48	34.551	27.804	30.196	32.560	37.208	28.3	0.034	1442.7	49
3	1	60	-1.586	-1.587	0.36	0.31	34.593	27.844	30.238	32.604	37.258	24.5	0.037	1442.1	59
3	1	70	-1.738	-1.739	0.22	0.16	34.637	27.884	30.280	32.649	37.307	20.6	0.039	1441.6	69
3	1	80	-1.787	-1.789	0.18	0.12	34.664	27.908	30.304	32.674	37.332	18.4	0.041	1441.6	79
3	1	90	-1.827	-1.829	0.15	0.08	34.693	27.932	30.329	32.699	37.359	16.0	0.043	1441.6	89
3	1	100	-1.860	-1.862	0.12	0.05	34.710	27.947	30.345	32.715	37.376	14.5	0.044	1441.6	98
3	1	125	-1.865	-1.868	0.14	0.04	34.736	27.968	30.366	32.736	37.397	12.4	0.047	1442.1	123
3	1	150	-1.883	-1.886	0.14	0.03	34.756	27.985	30.383	32.753	37.414	10.6	0.050	1442.4	148
3	1	175	-1.871	-1.875	0.17	0.04	34.763	27.991	30.388	32.758	37.419	10.0	0.053	1442.9	173
3	1	200	-1.881	-1.885	0.18	0.03	34.771	27.997	30.395	32.766	37.426	9.2	0.055	1443.2	197
3	1	225	-1.892	-1.897	0.19	0.02	34.779	28.004	30.402	32.773	37.434	8.4	0.058	1443.6	222
3	1	250	-1.887	-1.892	0.21	0.02	34.792	28.015	30.412	32.783	37.444	7.3	0.059	1444.1	247
3	1	275	-1.887	-1.893	0.23	0.02	34.797	28.019	30.416	32.787	37.448	6.8	0.061	1444.5	271
3	1	300	-1.882	-1.889	0.26	0.03	34.804	28.024	30.422	32.792	37.453	6.1	0.063	1444.9	296
3	1	325	-1.883	-1.890	0.27	0.03	34.809	28.028	30.426	32.796	37.457	5.6	0.064	1445.3	321
3	1	350	-1.886	-1.894	0.29	0.03	34.812	28.031	30.428	32.799	37.460	5.2	0.066	1445.7	345
3	1	375	-1.888	-1.897	0.31	0.02	34.818	28.036	30.433	32.804	37.465	4.6	0.067	1446.1	370
3	1	400	-1.886	-1.895	0.33	0.03	34.819	28.037	30.434	32.805	37.465	4.4	0.068	1446.5	395
3	1	425	-1.886	-1.896	0.35	0.03	34.822	28.039	30.437	32.807	37.468	4.0	0.069	1447.0	420
3	1	450	-1.887	-1.898	0.36	0.03	34.825	28.042	30.439	32.810	37.470	3.7	0.070	1447.4	444
3	1	475	-1.890	-1.901	0.38	0.02	34.828	28.044	30.442	32.812	37.473	3.3	0.071	1447.8	469
3	1	500	-1.888	-1.900	0.40	0.02	34.828	28.044	30.442	32.812	37.473	3.2	0.072	1448.2	494
3	1	550	-1.888	-1.901	0.44	0.03	34.831	28.047	30.444	32.815	37.476	2.7	0.073	1449.0	543
3	1	600	-1.889	-1.904	0.48	0.02	34.833	28.048	30.446	32.817	37.477	2.2	0.074	1449.8	592
3	1	650	-1.891	-1.908	0.51	0.02	34.840	28.054	30.452	32.822	37.483	1.4	0.075	1450.6	642
3	1	700	-1.891	-1.909	0.55	0.02	34.846	28.059	30.457	32.827	37.488	0.7	0.076	1451.5	691
3	1	750	-1.891	-1.911	0.59	0.02	34.855	28.066	30.464	32.835	37.495	-0.3	0.076	1452.3	740
3	1	800	-1.893	-1.915	0.62	0.02	34.862	28.072	30.470	32.840	37.501	-1.1	0.076	1453.1	789
3	1	850	-1.894	-1.917	0.66	0.02	34.873	28.081	30.479	32.849	37.510	-2.2	0.075	1454.0	839
3	1	900	-1.894	-1.919	0.70	0.02	34.878	28.085	30.483	32.854	37.515	-2.8	0.074	1454.8	888
3	1	946	-1.892	-1.919	0.74	0.02	34.880	28.087	30.485	32.855	37.516	-3.2	0.072	1455.6	933

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.138	169.113	946	7	1002	220	3	5.		1310	22	JAN	1984	PS	84	2	3

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
3	2	0	2.072	2.072	3.92	3.92	33.676	26.905	29.249	31.565	36.120	113.7	0.000	1456.7	0
3	2	10	2.032	2.031	3.89	3.88	33.685	26.916	29.259	31.577	36.133	112.8	0.011	1456.7	9
3	2	20	1.381	1.380	3.27	3.25	34.164	27.348	29.698	32.023	36.593	71.9	0.021	1454.6	19
3	2	30	-0.279	-0.280	1.62	1.60	34.262	27.524	29.899	32.247	36.864	55.0	0.027	1447.4	29
3	2	40	-1.088	-1.089	0.83	0.80	34.480	27.735	30.122	32.481	37.120	35.0	0.031	1444.0	39
3	2	50	-1.427	-1.428	0.51	0.47	34.559	27.811	30.203	32.567	37.216	27.7	0.035	1442.7	49
3	2	60	-1.567	-1.568	0.38	0.33	34.591	27.842	30.235	32.602	37.254	24.7	0.037	1442.2	59
3	2	70	-1.708	-1.709	0.25	0.19	34.631	27.879	30.274	32.642	37.299	21.2	0.040	1441.8	69
3	2	80	-1.782	-1.784	0.18	0.12	34.668	27.911	30.307	32.677	37.335	18.1	0.041	1441.6	79
3	2	90	-1.803	-1.805	0.17	0.10	34.690	27.929	30.326	32.696	37.355	16.3	0.043	1441.7	89
3	2	100	-1.855	-1.857	0.13	0.05	34.704	27.942	30.339	32.710	37.370	15.0	0.045	1441.7	98
3	2	125	-1.860	-1.863	0.14	0.05	34.741	27.972	30.370	32.740	37.400	12.0	0.048	1442.1	123
3	2	150	-1.879	-1.882	0.14	0.03	34.754	27.983	30.381	32.752	37.412	10.8	0.051	1442.4	148
3	2	175	-1.888	-1.892	0.15	0.02	34.769	27.996	30.394	32.764	37.425	9.5	0.053	1442.8	173
3	2	200	-1.885	-1.889	0.18	0.02	34.773	27.999	30.397	32.767	37.428	9.0	0.056	1443.2	197
3	2	225	-1.883	-1.888	0.20	0.03	34.784	28.008	30.406	32.776	37.437	8.1	0.058	1443.7	222
3	2	250	-1.891	-1.896	0.21	0.02	34.790	28.013	30.411	32.781	37.442	7.4	0.060	1444.0	247
3	2	275	-1.887	-1.893	0.23	0.02	34.796	28.018	30.415	32.786	37.447	6.8	0.062	1444.5	271
3	2	300	-1.885	-1.892	0.25	0.03	34.803	28.024	30.421	32.792	37.452	6.2	0.063	1444.9	296
3	2	325	-1.884	-1.891	0.27	0.03	34.808	28.028	30.425	32.796	37.456	5.7	0.065	1445.3	321
3	2	350	-1.888	-1.896	0.29	0.02	34.813	28.032	30.429	32.800	37.461	5.1	0.066	1445.7	345
3	2	375	-1.889	-1.898	0.30	0.02	34.815	28.033	30.431	32.802	37.462	4.8	0.067	1446.1	370
3	2	400	-1.886	-1.895	0.33	0.03	34.818	28.036	30.433	32.804	37.465	4.5	0.069	1446.5	395
3	2	425	-1.886	-1.896	0.35	0.03	34.819	28.037	30.434	32.805	37.465	4.3	0.070	1447.0	420
3	2	450	-1.887	-1.898	0.36	0.03	34.823	28.040	30.438	32.808	37.469	3.8	0.071	1447.4	444
3	2	475	-1.889	-1.900	0.38	0.02	34.824	28.041	30.438	32.809	37.470	3.6	0.072	1447.8	469

Potential Temperature (°C)



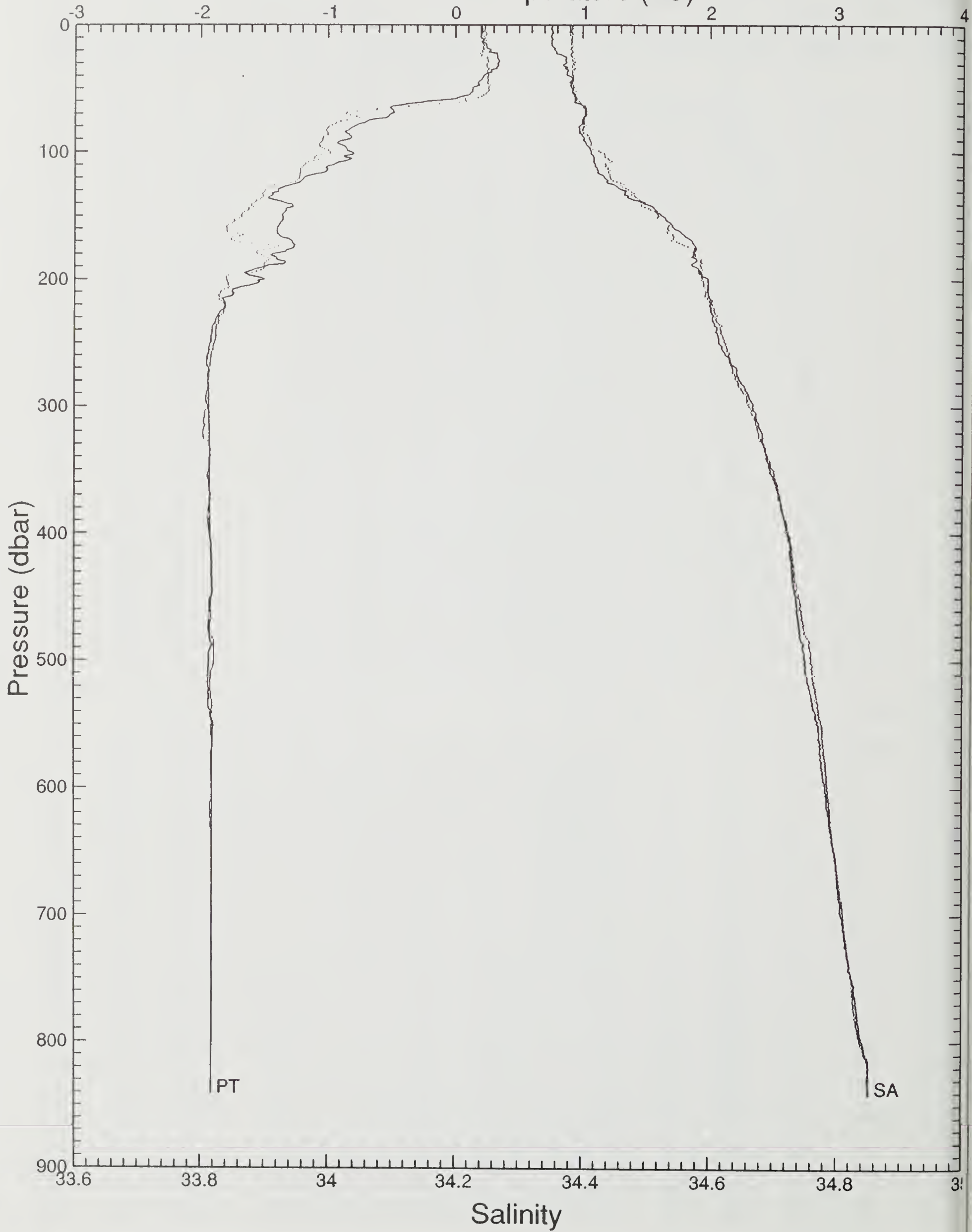
LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-77.198 169.883 861 8 1001 180 9 2. 1430 22 JAN 1984 PS 84 1 4

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
4	1	0	1.248	1.248	3.12	3.12	34.142	27.339	29.692	32.018	36.592	72.6	0.000	1453.6	0
4	1	10	1.233	1.233	3.11	3.11	34.126	27.327	29.680	32.007	36.582	73.8	0.007	1453.7	9
4	1	20	1.024	1.023	2.91	2.90	34.122	27.338	29.694	32.024	36.604	72.8	0.015	1452.9	19
4	1	30	0.481	0.480	2.39	2.36	34.334	27.542	29.905	32.242	36.836	53.4	0.021	1450.9	29
4	1	40	-0.800	-0.801	1.12	1.09	34.415	27.671	30.054	32.409	37.040	41.0	0.026	1445.3	39
4	1	50	-1.334	-1.335	0.60	0.56	34.474	27.739	30.129	32.493	37.139	34.5	0.030	1443.0	49
4	1	60	-1.406	-1.407	0.53	0.49	34.522	27.781	30.172	32.536	37.184	30.5	0.033	1442.9	59
4	1	70	-1.554	-1.556	0.40	0.34	34.587	27.838	30.231	32.598	37.250	25.0	0.036	1442.4	69
4	1	80	-1.674	-1.676	0.29	0.23	34.629	27.876	30.271	32.639	37.294	21.4	0.038	1442.1	79
4	1	90	-1.757	-1.759	0.21	0.15	34.659	27.903	30.299	32.668	37.326	18.8	0.040	1441.9	89
4	1	100	-1.793	-1.795	0.19	0.11	34.673	27.915	30.312	32.681	37.340	17.5	0.042	1441.9	98
4	1	125	-1.903	-1.905	0.10	0.00	34.703	27.943	30.341	32.712	37.374	14.8	0.046	1441.8	123
4	1	150	-1.891	-1.894	0.13	0.02	34.717	27.954	30.352	32.723	37.384	13.6	0.049	1442.3	148
4	1	175	-1.894	-1.898	0.15	0.01	34.735	27.968	30.366	32.737	37.399	12.1	0.052	1442.7	173
4	1	200	-1.897	-1.901	0.16	0.01	34.744	27.976	30.374	32.745	37.406	11.2	0.055	1443.1	197
4	1	225	-1.900	-1.905	0.18	0.01	34.751	27.982	30.380	32.751	37.412	10.5	0.058	1443.5	222
4	1	250	-1.899	-1.904	0.20	0.01	34.761	27.990	30.388	32.759	37.420	9.6	0.061	1444.0	247
4	1	275	-1.895	-1.901	0.22	0.01	34.768	27.995	30.393	32.764	37.425	9.0	0.063	1444.4	271
4	1	300	-1.891	-1.898	0.24	0.02	34.775	28.001	30.399	32.769	37.431	8.3	0.065	1444.8	296
4	1	325	-1.889	-1.896	0.26	0.02	34.779	28.004	30.402	32.773	37.434	7.9	0.067	1445.2	321
4	1	350	-1.892	-1.900	0.28	0.02	34.788	28.012	30.409	32.780	37.441	7.0	0.069	1445.7	345
4	1	375	-1.897	-1.906	0.30	0.01	34.791	28.014	30.412	32.783	37.444	6.6	0.071	1446.0	370
4	1	400	-1.892	-1.901	0.32	0.02	34.798	28.020	30.417	32.788	37.449	6.0	0.072	1446.5	395
4	1	425	-1.888	-1.898	0.34	0.02	34.804	28.025	30.422	32.793	37.454	5.4	0.074	1446.9	420
4	1	450	-1.888	-1.899	0.36	0.02	34.810	28.029	30.427	32.798	37.459	4.8	0.075	1447.3	444
4	1	475	-1.888	-1.899	0.38	0.02	34.816	28.034	30.432	32.803	37.463	4.2	0.076	1447.8	469
4	1	500	-1.886	-1.898	0.40	0.03	34.821	28.038	30.436	32.807	37.467	3.7	0.077	1448.2	494
4	1	550	-1.887	-1.900	0.44	0.03	34.828	28.044	30.442	32.812	37.473	2.9	0.079	1449.0	543
4	1	600	-1.890	-1.905	0.48	0.02	34.833	28.048	30.446	32.817	37.477	2.2	0.080	1449.8	592
4	1	650	-1.890	-1.907	0.51	0.02	34.836	28.051	30.448	32.819	37.480	1.7	0.081	1450.6	642
4	1	700	-1.890	-1.908	0.55	0.02	34.838	28.052	30.450	32.821	37.482	1.3	0.082	1451.5	691
4	1	750	-1.889	-1.909	0.59	0.02	34.844	28.057	30.455	32.826	37.487	0.6	0.082	1452.3	740
4	1	800	-1.890	-1.912	0.63	0.02	34.850	28.062	30.460	32.831	37.492	-0.1	0.082	1453.1	789
4	1	850	-1.892	-1.915	0.66	0.02	34.869	28.078	30.476	32.846	37.507	-1.8	0.082	1454.0	839
4	1	859	-1.892	-1.916	0.67	0.02	34.870	28.079	30.476	32.847	37.508	-2.0	0.082	1454.1	848

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-77.188 169.833 861 8 1001 175 11 1. 1512 22 JAN 1984 PS 84 2 4

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
4	2	0	1.563	1.563	3.43	3.43	33.963	27.173	29.522	31.845	36.412	88.3	0.000	1454.8	0
4	2	10	1.570	1.570	3.44	3.43	33.967	27.176	29.525	31.848	36.414	88.1	0.009	1455.0	9
4	2	20	1.570	1.569	3.45	3.43	33.964	27.174	29.523	31.845	36.412	88.4	0.018	1455.2	19
4	2	30	0.234	0.233	2.13	2.11	34.155	27.412	29.779	32.120	36.723	65.7	0.025	1449.6	29
4	2	40	-1.192	-1.193	0.73	0.70	34.416	27.687	30.075	32.437	37.080	39.5	0.031	1443.4	39
4	2	50	-1.456	-1.457	0.48	0.44	34.522	27.782	30.174	32.539	37.189	30.4	0.034	1442.5	49
4	2	60	-1.537	-1.538	0.41	0.36	34.584	27.835	30.228	32.594	37.246	25.4	0.037	1442.4	59
4	2	70	-1.642	-1.644	0.31	0.26	34.624	27.871	30.265	32.633	37.287	21.9	0.039	1442.1	69
4	2	80	-1.767	-1.769	0.20	0.14	34.659	27.903	30.299	32.669	37.327	18.8	0.041	1441.7	79
4	2	90	-1.887	-1.889	0.08	0.02	34.659	27.906	30.304	32.676	37.337	18.4	0.043	1441.3	89
4	2	100	-1.864	-1.866	0.11	0.04	34.666	27.911	30.309	32.680	37.341	17.9	0.045	1441.6	98
4	2	125	-1.892	-1.895	0.11	0.01	34.690	27.932	30.330	32.701	37.363	15.8	0.049	1441.9	123
4	2	150	-1.887	-1.890	0.13	0.02	34.710	27.948	30.346	32.717	37.378	14.1	0.053	1442.3	148
4	2	175	-1.890	-1.894	0.15	0.02	34.723	27.958	30.356	32.727	37.389	13.0	0.056	1442.7	173
4	2	200	-1.891	-1.895	0.17	0.02	34.735	27.968	30.366	32.737	37.399	11.9	0.059	1443.1	197
4	2	225	-1.891	-1.896	0.19	0.02	34.745	27.976	30.374	32.745	37.407	11.0	0.062	1443.6	222
4	2	250	-1.893	-1.898	0.20	0.02	34.753	27.983	30.381	32.752	37.413	10.3	0.065	1444.0	247
4	2	275	-1.896	-1.902	0.22	0.01	34.759	27.988	30.386	32.757	37.418	9.6	0.068	1444.4	271
4	2	300	-1.898	-1.905	0.24	0.01	34.766	27.994	30.392	32.763	37.424	9.0	0.070	1444.8	296
4	2	325	-1.891	-1.898	0.26	0.02	34.775	28.001	30.399	32.769	37.431	8.2	0.072	1445.2	321
4	2	350	-1.892	-1.900	0.28	0.02	34.784	28.008	30.406	32.777	37.438	7.3	0.074	1445.7	345
4	2	375	-1.891	-1.900	0.30	0.02	34.791	28.014	30.412	32.782	37.444	6.7	0.076	1446.1	370
4	2	400	-1.889	-1.898	0.32	0.02	34.801	28.022	30.420	32.790	37.451	5.8	0.077	1446.5	395
4	2	425	-1.884	-1.894	0.35	0.03	34.804	28.024	30.422	32.793	37.453	5.4	0.079	1446.9	420
4	2	450	-1.887	-1.898	0.36	0.02	34.807	28.027	30.425	32.795	37.456	5.0	0.080	1447.3	444
4	2	475	-1.890	-1.901	0.38	0.02	34.812	28.031	30.429	32.799	37.460	4.5	0.081	1447.7	469
4	2	500	-1.885	-1.897	0.40	0.03	34.820	28.038	30.435	32.806	37.466	3.8	0.082	1448.2	494

Potential Temperature (°C)



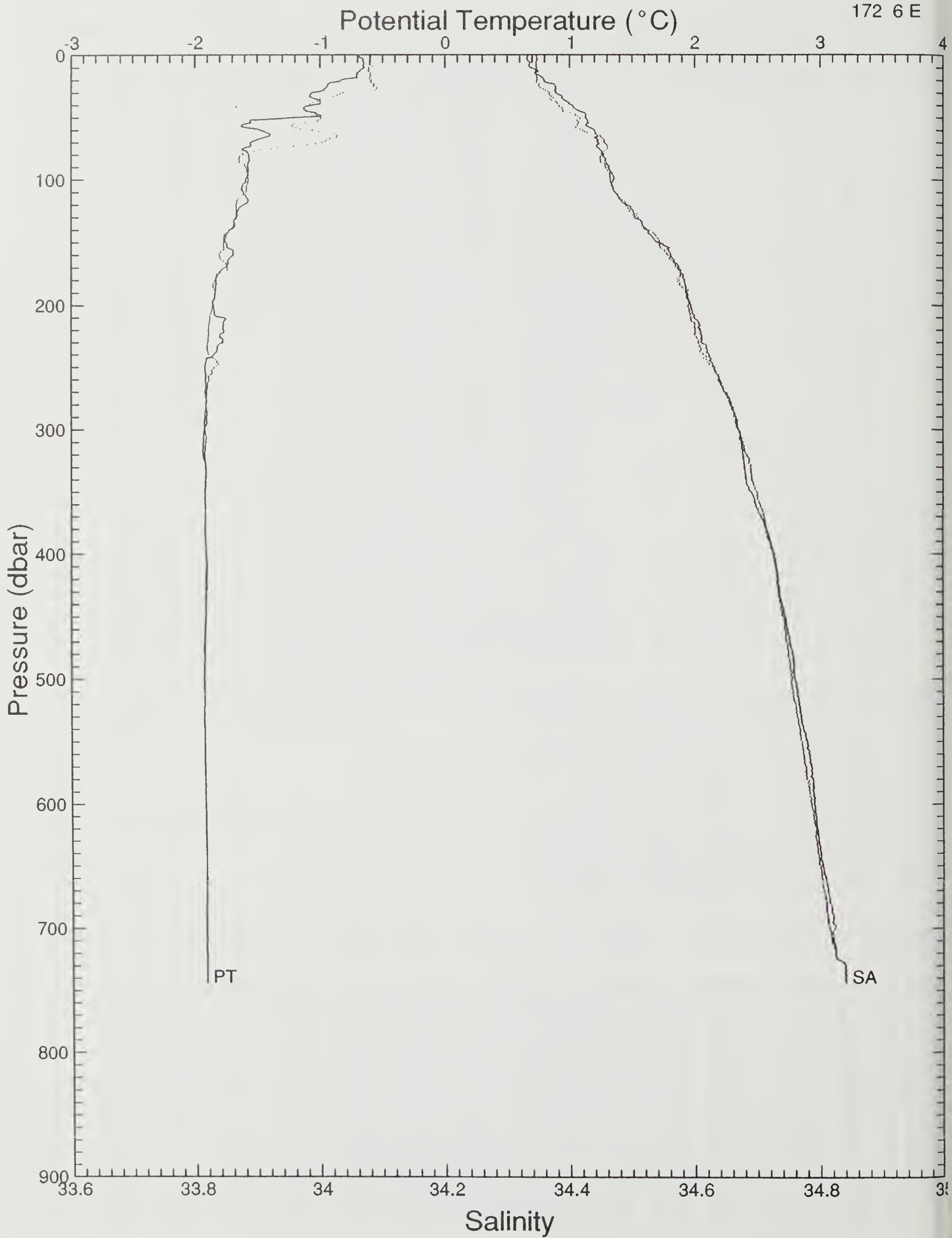
LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-77.187 170.750 841 6 1000 170 12 -5. 310 1711 22 JAN 1984 PS 84 1 5

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
5	1	0	0.209	0.209	2.09	2.09	34.352	27.572	29.939	32.280	36.881	50.6	0.000	1449.2	0
5	1	10	0.200	0.200	2.09	2.08	34.351	27.572	29.939	32.280	36.882	50.6	0.005	1449.3	9
5	1	20	0.275	0.274	2.17	2.16	34.357	27.572	29.939	32.278	36.878	50.5	0.010	1449.9	19
5	1	30	0.332	0.331	2.24	2.22	34.373	27.582	29.947	32.286	36.884	49.6	0.015	1450.3	29
5	1	40	0.219	0.218	2.14	2.11	34.380	27.594	29.961	32.301	36.903	48.5	0.020	1450.0	39
5	1	50	0.138	0.136	2.06	2.02	34.384	27.602	29.970	32.311	36.915	47.7	0.025	1449.8	49
5	1	60	-0.223	-0.225	1.71	1.66	34.388	27.624	29.997	32.344	36.958	45.6	0.030	1448.3	59
5	1	70	-0.507	-0.509	1.43	1.38	34.406	27.651	30.029	32.380	37.003	42.9	0.034	1447.1	69
5	1	80	-0.792	-0.794	1.16	1.10	34.394	27.654	30.036	32.392	37.023	42.6	0.038	1446.0	79
5	1	90	-0.829	-0.832	1.13	1.06	34.402	27.662	30.045	32.401	37.033	41.8	0.042	1446.0	89
5	1	100	-0.812	-0.815	1.15	1.08	34.414	27.671	30.054	32.409	37.040	40.9	0.047	1446.2	98
5	1	125	-1.261	-1.264	0.72	0.63	34.449	27.717	30.106	32.468	37.113	36.4	0.056	1444.5	123
5	1	150	-1.350	-1.354	0.66	0.54	34.527	27.783	30.173	32.537	37.183	29.9	0.065	1444.6	148
5	1	175	-1.261	-1.266	0.77	0.64	34.579	27.822	30.211	32.573	37.216	26.2	0.072	1445.5	173
5	1	200	-1.489	-1.494	0.56	0.41	34.598	27.845	30.237	32.603	37.253	23.8	0.078	1444.9	197
5	1	225	-1.835	-1.840	0.23	0.06	34.602	27.859	30.256	32.627	37.288	22.2	0.084	1443.6	222
5	1	250	-1.912	-1.917	0.18	-0.01	34.615	27.871	30.270	32.642	37.305	20.8	0.089	1443.7	247
5	1	275	-1.925	-1.931	0.18	-0.02	34.644	27.895	30.294	32.666	37.329	18.4	0.094	1444.1	271
5	1	300	-1.924	-1.930	0.21	-0.02	34.668	27.915	30.313	32.685	37.348	16.4	0.098	1444.5	296
5	1	325	-1.918	-1.925	0.23	-0.01	34.684	27.928	30.326	32.698	37.361	15.0	0.102	1445.0	321
5	1	350	-1.920	-1.928	0.25	-0.02	34.697	27.938	30.337	32.708	37.371	13.9	0.106	1445.4	345
5	1	375	-1.913	-1.921	0.28	-0.01	34.713	27.951	30.350	32.721	37.383	12.5	0.109	1445.9	370
5	1	400	-1.909	-1.918	0.30	0.00	34.725	27.961	30.359	32.730	37.393	11.5	0.112	1446.3	395
5	1	425	-1.894	-1.904	0.33	0.01	34.730	27.964	30.363	32.734	37.395	11.0	0.115	1446.8	420
5	1	450	-1.899	-1.909	0.35	0.01	34.737	27.970	30.368	32.740	37.401	10.3	0.117	1447.2	444
5	1	475	-1.911	-1.922	0.35	0.00	34.743	27.976	30.374	32.745	37.407	9.7	0.120	1447.5	469
5	1	500	-1.916	-1.928	0.37	-0.01	34.752	27.983	30.381	32.753	37.415	8.8	0.122	1447.9	494
5	1	550	-1.879	-1.892	0.44	0.03	34.773	27.999	30.397	32.768	37.429	7.1	0.126	1449.0	543
5	1	600	-1.889	-1.904	0.47	0.02	34.783	28.008	30.405	32.776	37.438	6.0	0.130	1449.8	592
5	1	650	-1.888	-1.905	0.51	0.02	34.797	28.019	30.417	32.788	37.449	4.7	0.132	1450.6	642
5	1	700	-1.889	-1.907	0.55	0.02	34.808	28.028	30.426	32.797	37.458	3.6	0.134	1451.4	691
5	1	750	-1.888	-1.908	0.59	0.02	34.826	28.043	30.440	32.811	37.472	2.0	0.136	1452.3	740
5	1	800	-1.889	-1.911	0.63	0.02	34.842	28.056	30.453	32.824	37.485	0.5	0.136	1453.1	789
5	1	841	-1.889	-1.912	0.66	0.03	34.852	28.064	30.462	32.832	37.493	-0.5	0.136	1453.8	830

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
5		3	0.230	0.230	34.378	27.592	9.00									2.21	12	3
5		26	0.250	0.249	34.379	27.592	8.97									2.16	11	26
5		104	-1.100	-1.103	34.432	27.697	7.65								3.62	1.68	10	103
5		152	-1.687	-1.690	34.529	27.795	6.45										9	151
5		257	-1.904	-1.909	34.635	27.887	6.54										8	254
5	1	308	-1.958	-1.965	34.671	27.918											7	304
5		359	-1.915	-1.923	34.706	27.945	6.48								2.42	1.25	6	354
5		457	-1.913	-1.924	34.748	27.980	6.55									1.23	5	452
5		556	-1.895	-1.909	34.782	28.007	6.59										4	550
5		661	-1.887	-1.904	34.798	28.020	6.49								2.77	1.41	3	653
5		761	-1.886	-1.906	34.825	28.042	6.57										2	751
5		831	-1.889	-1.912	34.846	28.059	6.64								3.03	1.45	1	821

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-77.172 170.550 841 6 1000 190 15 -4. 2050 1808 22 JAN 1984 PS 84 2 5

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
5	2	0	0.232	0.232	2.12	2.12	34.385	27.597	29.964	32.304	36.905	48.2	0.000	1449.4	0
5	2	10	0.232	0.232	2.13	2.12	34.383	27.596	29.962	32.302	36.903	48.3	0.005	1449.5	9
5	2	20	0.210	0.209	2.11	2.10	34.383	27.597	29.964	32.304	36.906	48.2	0.010	1449.6	19
5	2	30	0.246	0.245	2.16	2.13	34.385	27.597	29.963	32.303	36.903	48.2	0.015	1449.9	29
5	2	40	0.257	0.256	2.17	2.14	34.385	27.596	29.962	32.302	36.902	48.3	0.019	1450.1	39
5	2	50	0.259	0.257	2.18	2.15	34.384	27.595	29.961	32.301	36.901	48.4	0.024	1450.3	49
5	2	60	0.087	0.085	2.02	1.97	34.394	27.613	29.981	32.324	36.929	46.7	0.029	1449.7	59
5	2	70	-0.855	-0.857	1.09	1.03	34.404	27.665	30.048	32.404	37.037	41.6	0.033	1445.5	69
5	2	80	-0.990	-0.992	0.96	0.90	34.402	27.668	30.054	32.412	37.049	41.2	0.037	1445.0	79
5	2	90	-1.040	-1.042	0.92	0.85	34.411	27.678	30.064	32.423	37.061	40.2	0.042	1445.0	89
5	2	100	-0.982	-0.985	0.98	0.91	34.428	27.689	30.074	32.432	37.069	39.1	0.046	1445.4	98
5	2	125	-1.359	-1.362	0.63	0.53	34.465	27.733	30.124	32.487	37.135	34.8	0.055	1444.1	123
5	2	150	-1.677	-1.680	0.33	0.22	34.520	27.787	30.183	32.551	37.208	29.4	0.063	1443.1	148
5	2	175	-1.413	-1.417	0.62	0.48	34.576	27.825	30.216	32.580	37.228	25.9	0.070	1444.8	173



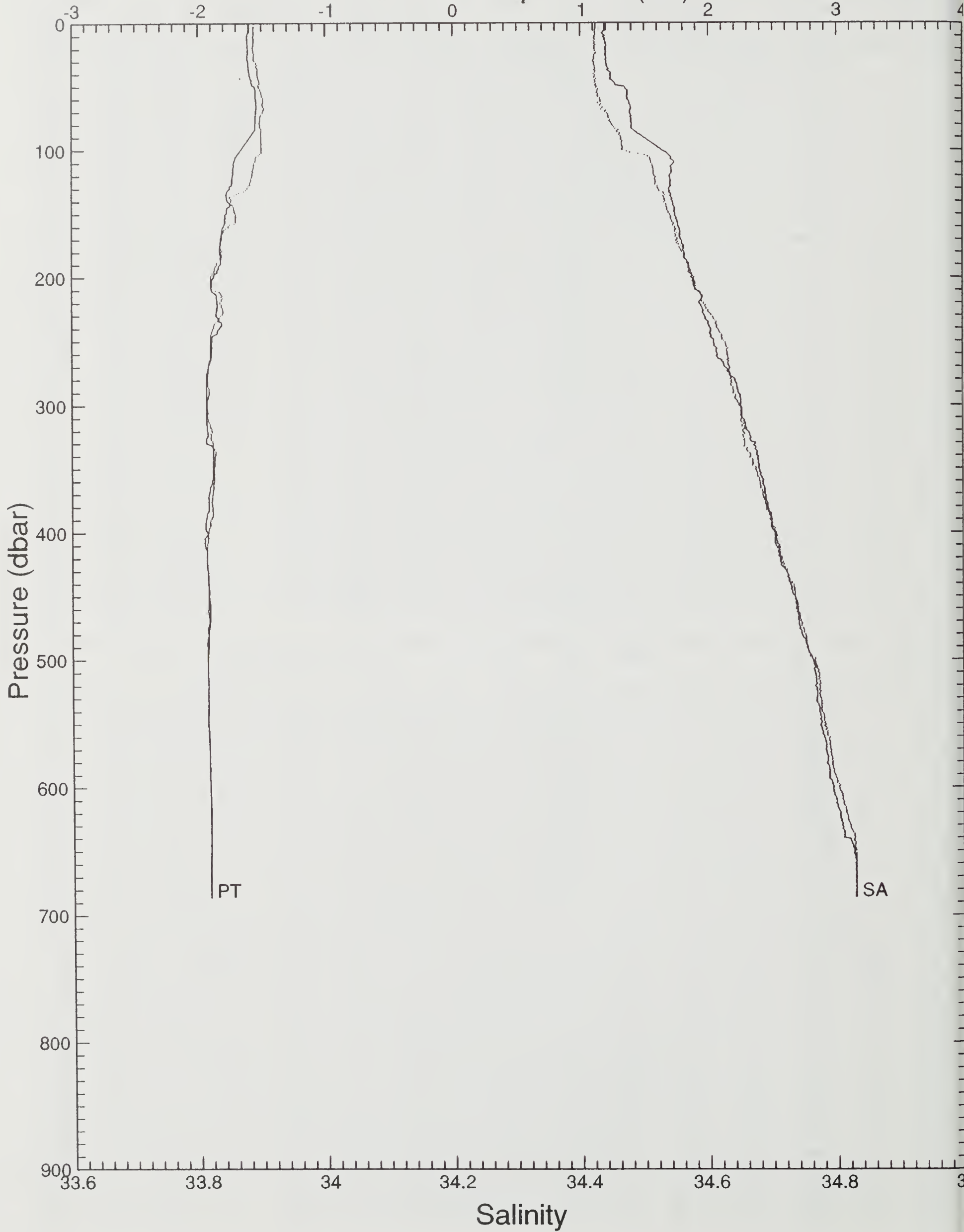
LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-77.257 172.092 749 10 1000 200 13 -3. 180 2034 22 JAN 1984 PS 84 1 6

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
6	1	0	-0.688	-0.688	1.20	1.20	34.332	27.599	29.980	32.334	36.963	48.0	0.000	1445.1	0
6	1	10	-0.646	-0.646	1.25	1.24	34.337	27.602	29.982	32.335	36.962	47.7	0.005	1445.4	9
6	1	20	-0.833	-0.834	1.07	1.05	34.360	27.628	30.011	32.367	37.000	45.2	0.009	1444.7	19
6	1	30	-1.063	-1.064	0.85	0.82	34.378	27.652	30.038	32.398	37.037	42.9	0.014	1443.8	29
6	1	40	-1.060	-1.061	0.86	0.83	34.405	27.673	30.060	32.419	37.058	40.8	0.018	1444.1	39
6	1	50	-1.208	-1.209	0.72	0.68	34.426	27.696	30.084	32.446	37.089	38.6	0.022	1443.5	49
6	1	60	-1.469	-1.470	0.47	0.42	34.440	27.716	30.109	32.474	37.125	36.6	0.026	1442.5	59
6	1	70	-1.552	-1.554	0.39	0.34	34.446	27.724	30.117	32.484	37.138	35.9	0.029	1442.3	69
6	1	80	-1.564	-1.566	0.39	0.33	34.454	27.730	30.124	32.491	37.145	35.2	0.033	1442.4	79
6	1	90	-1.571	-1.573	0.39	0.32	34.462	27.737	30.131	32.498	37.152	34.5	0.036	1442.5	89
6	1	100	-1.589	-1.591	0.38	0.30	34.470	27.744	30.138	32.506	37.160	33.8	0.040	1442.6	98
6	1	125	-1.657	-1.660	0.33	0.24	34.502	27.772	30.167	32.536	37.192	31.0	0.048	1442.7	123
6	1	150	-1.749	-1.752	0.26	0.15	34.542	27.807	30.204	32.573	37.232	27.5	0.055	1442.8	148
6	1	175	-1.812	-1.816	0.22	0.09	34.582	27.842	30.239	32.609	37.270	24.1	0.062	1442.9	173
6	1	200	-1.846	-1.850	0.20	0.05	34.595	27.853	30.251	32.622	37.283	22.8	0.068	1443.2	197
6	1	225	-1.789	-1.794	0.28	0.11	34.611	27.865	30.262	32.631	37.291	21.6	0.073	1443.9	222
6	1	250	-1.910	-1.915	0.18	-0.01	34.633	27.886	30.285	32.656	37.319	19.4	0.078	1443.7	247
6	1	275	-1.900	-1.906	0.21	0.00	34.656	27.904	30.303	32.674	37.337	17.5	0.083	1444.2	271
6	1	300	-1.914	-1.920	0.22	-0.01	34.670	27.916	30.315	32.686	37.349	16.3	0.087	1444.6	296
6	1	325	-1.910	-1.917	0.24	-0.01	34.679	27.923	30.322	32.693	37.356	15.4	0.091	1445.0	321
6	1	350	-1.908	-1.916	0.26	0.00	34.691	27.933	30.331	32.703	37.365	14.4	0.095	1445.4	345
6	1	375	-1.908	-1.916	0.28	0.00	34.712	27.950	30.348	32.720	37.382	12.6	0.098	1445.9	370
6	1	400	-1.901	-1.910	0.31	0.01	34.728	27.963	30.361	32.732	37.394	11.3	0.101	1446.3	395
6	1	425	-1.900	-1.910	0.33	0.01	34.733	27.967	30.365	32.736	37.398	10.8	0.104	1446.8	420
6	1	450	-1.901	-1.911	0.35	0.01	34.745	27.977	30.375	32.746	37.408	9.7	0.106	1447.2	444
6	1	475	-1.915	-1.926	0.35	-0.01	34.754	27.985	30.383	32.754	37.416	8.8	0.109	1447.5	469
6	1	500	-1.912	-1.924	0.37	0.00	34.760	27.989	30.388	32.759	37.421	8.2	0.111	1448.0	494
6	1	550	-1.908	-1.921	0.42	0.00	34.780	28.006	30.404	32.775	37.437	6.5	0.115	1448.8	543
6	1	600	-1.902	-1.917	0.46	0.01	34.790	28.014	30.412	32.783	37.444	5.4	0.118	1449.7	592
6	1	650	-1.895	-1.912	0.50	0.02	34.803	28.024	30.422	32.793	37.454	4.2	0.120	1450.6	642
6	1	700	-1.896	-1.914	0.54	0.02	34.822	28.040	30.437	32.808	37.469	2.5	0.122	1451.4	691
6	1	744	-1.892	-1.912	0.58	0.02	34.841	28.055	30.453	32.823	37.484	0.8	0.122	1452.2	734

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-77.252 171.900 749 10 1000 200 13 -5. 2103 22 JAN 1984 PS 84 2 6

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
6 2	0	-0.595	-0.595	1.29	1.29	34.347	27.608	29.987	32.339	36.965	47.2	0.000	1445.5	0	
6 2	10	-0.610	-0.610	1.28	1.27	34.348	27.609	29.989	32.341	36.967	47.0	0.005	1445.6	9	
6 2	20	-0.589	-0.590	1.31	1.30	34.348	27.608	29.987	32.340	36.965	47.1	0.009	1445.9	19	
6 2	30	-0.815	-0.816	1.09	1.07	34.368	27.634	30.017	32.372	37.004	44.6	0.014	1445.0	29	
6 2	40	-1.085	-1.086	0.83	0.80	34.383	27.657	30.043	32.403	37.043	42.4	0.018	1443.9	39	
6 2	50	-0.992	-0.993	0.94	0.90	34.417	27.681	30.066	32.424	37.061	40.1	0.023	1444.6	49	
6 2	60	-1.058	-1.060	0.88	0.83	34.421	27.686	30.073	32.432	37.070	39.5	0.027	1444.4	59	
6 2	70	-0.981	-0.983	0.96	0.91	34.456	27.712	30.097	32.455	37.091	37.1	0.030	1445.0	69	
6 2	80	-1.611	-1.613	0.34	0.28	34.452	27.730	30.125	32.493	37.148	35.2	0.034	1442.2	79	
6 2	90	-1.588	-1.590	0.37	0.30	34.458	27.734	30.129	32.496	37.150	34.7	0.037	1442.4	89	
6 2	100	-1.571	-1.573	0.40	0.32	34.466	27.740	30.134	32.501	37.155	34.1	0.041	1442.7	98	
6 2	125	-1.661	-1.664	0.33	0.23	34.496	27.767	30.163	32.531	37.187	31.4	0.049	1442.7	123	
6 2	150	-1.765	-1.768	0.24	0.13	34.545	27.810	30.207	32.577	37.236	27.2	0.056	1442.7	148	
6 2	175	-1.822	-1.826	0.21	0.08	34.578	27.839	30.236	32.607	37.267	24.3	0.063	1442.9	173	
6 2	200	-1.851	-1.855	0.20	0.05	34.590	27.849	30.247	32.618	37.280	23.2	0.069	1443.1	197	
6 2	225	-1.884	-1.889	0.19	0.02	34.603	27.861	30.259	32.631	37.293	21.9	0.074	1443.4	222	
6 2	250	-1.836	-1.841	0.25	0.07	34.629	27.881	30.278	32.649	37.309	19.9	0.080	1444.1	247	
6 2	275	-1.900	-1.906	0.21	0.00	34.653	27.902	30.300	32.672	37.334	17.7	0.084	1444.2	271	
6 2	300	-1.913	-1.919	0.22	-0.01	34.670	27.916	30.315	32.686	37.349	16.3	0.089	1444.6	296	
6 2	325	-1.909	-1.916	0.24	-0.01	34.688	27.931	30.329	32.701	37.363	14.8	0.092	1445.0	321	
6 2	350	-1.911	-1.919	0.26	-0.01	34.700	27.940	30.339	32.710	37.373	13.7	0.096	1445.4	345	
6 2	375	-1.908	-1.916	0.28	0.00	34.714	27.952	30.350	32.721	37.384	12.5	0.099	1445.9	370	
6 2	400	-1.898	-1.907	0.31	0.01	34.726	27.961	30.359	32.731	37.392	11.5	0.102	1446.4	395	
6 2	425	-1.893	-1.903	0.33	0.01	34.735	27.969	30.367	32.738	37.399	10.6	0.105	1446.8	420	
6 2	450	-1.901	-1.911	0.34	0.01	34.741	27.974	30.372	32.743	37.405	10.0	0.108	1447.2	444	
6 2	475	-1.909	-1.920	0.36	0.00	34.748	27.980	30.378	32.749	37.411	9.3	0.110	1447.6	469	
6 2	500	-1.912	-1.924	0.37	0.00	34.755	27.985	30.384	32.755	37.417	8.6	0.112	1448.0	494	
6 2	550	-1.908	-1.921	0.42	0.00	34.771	27.998	30.396	32.768	37.430	7.1	0.116	1448.8	543	
6 2	600	-1.901	-1.916	0.46	0.01	34.786	28.010	30.408	32.779	37.441	5.8	0.119	1449.7	592	
6 2	650	-1.895	-1.911	0.50	0.02	34.800	28.022	30.420	32.790	37.452	4.4	0.122	1450.6	642	

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.298	173.000	689	8	999	210	8	-5.	330	2310	22	JAN	1984	PS	84	1	7

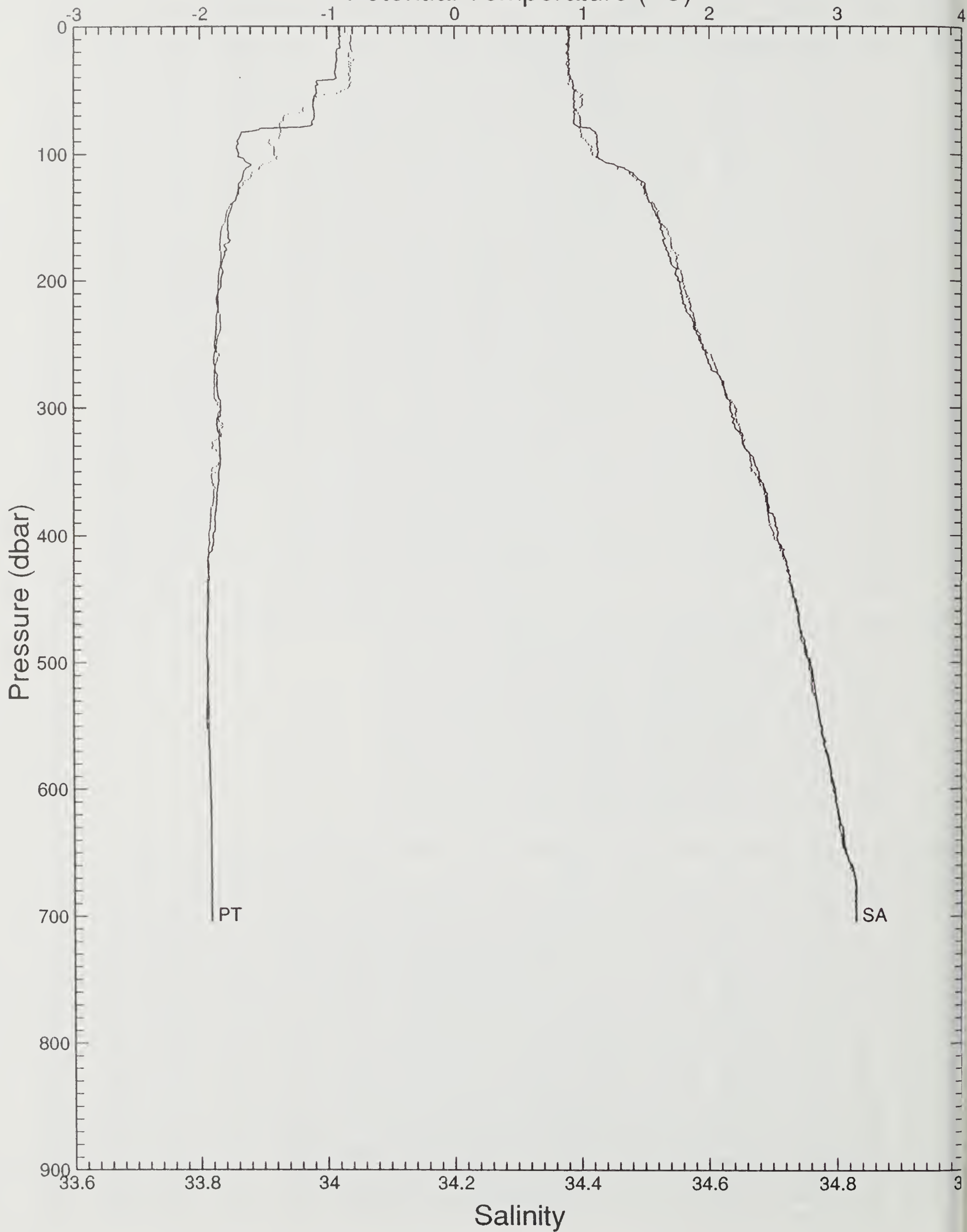
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
7	1	0	-1.594	-1.594	0.30	0.30	34.438	27.718	30.113	32.480	37.135	36.7	0.000	1440.9	0
7	1	10	-1.610	-1.610	0.29	0.28	34.439	27.720	30.114	32.482	37.137	36.6	0.004	1441.0	9
7	1	20	-1.605	-1.605	0.30	0.28	34.440	27.720	30.115	32.483	37.138	36.4	0.007	1441.2	19
7	1	30	-1.603	-1.604	0.31	0.29	34.441	27.721	30.116	32.483	37.138	36.3	0.011	1441.4	29
7	1	40	-1.589	-1.590	0.33	0.30	34.448	27.726	30.121	32.488	37.143	35.8	0.015	1441.6	39
7	1	50	-1.550	-1.551	0.38	0.34	34.469	27.742	30.136	32.502	37.156	34.2	0.018	1442.0	49
7	1	60	-1.541	-1.542	0.40	0.35	34.474	27.746	30.139	32.506	37.159	33.8	0.022	1442.2	59
7	1	70	-1.541	-1.543	0.40	0.35	34.478	27.749	30.143	32.509	37.162	33.4	0.025	1442.4	69
7	1	80	-1.545	-1.547	0.41	0.35	34.481	27.752	30.145	32.512	37.165	33.2	0.028	1442.5	79
7	1	90	-1.590	-1.592	0.37	0.30	34.499	27.768	30.162	32.529	37.183	31.6	0.031	1442.5	89
7	1	100	-1.661	-1.663	0.31	0.23	34.527	27.793	30.188	32.556	37.212	29.2	0.034	1442.3	98
7	1	125	-1.727	-1.730	0.26	0.17	34.541	27.806	30.202	32.571	37.229	27.7	0.042	1442.5	123
7	1	150	-1.782	-1.785	0.23	0.11	34.549	27.814	30.211	32.581	37.241	26.8	0.048	1442.6	148
7	1	175	-1.823	-1.827	0.21	0.07	34.563	27.827	30.224	32.595	37.256	25.5	0.055	1442.8	173
7	1	200	-1.874	-1.878	0.17	0.02	34.573	27.836	30.234	32.606	37.268	24.4	0.061	1443.0	197
7	1	225	-1.845	-1.850	0.22	0.05	34.591	27.850	30.248	32.619	37.280	23.0	0.067	1443.6	222
7	1	250	-1.883	-1.888	0.21	0.02	34.609	27.866	30.264	32.635	37.298	21.3	0.073	1443.8	247
7	1	275	-1.925	-1.931	0.18	-0.02	34.634	27.887	30.286	32.658	37.321	19.1	0.078	1444.1	271
7	1	300	-1.925	-1.931	0.20	-0.02	34.650	27.900	30.299	32.671	37.334	17.8	0.082	1444.5	296
7	1	325	-1.924	-1.931	0.22	-0.02	34.666	27.913	30.312	32.684	37.347	16.4	0.087	1444.9	321
7	1	350	-1.872	-1.880	0.29	0.03	34.679	27.922	30.320	32.691	37.353	15.4	0.091	1445.6	345
7	1	375	-1.908	-1.916	0.28	0.00	34.690	27.932	30.331	32.702	37.365	14.3	0.094	1445.9	370
7	1	400	-1.915	-1.924	0.29	-0.01	34.706	27.945	30.344	32.715	37.378	12.9	0.098	1446.2	395
7	1	425	-1.922	-1.932	0.30	-0.02	34.714	27.952	30.351	32.722	37.385	12.1	0.101	1446.6	420
7	1	450	-1.908	-1.918	0.34	0.00	34.735	27.969	30.367	32.738	37.401	10.4	0.104	1447.1	444
7	1	475	-1.904	-1.915	0.36	0.00	34.743	27.975	30.374	32.745	37.407	9.7	0.106	1447.6	469
7	1	500	-1.918	-1.930	0.37	-0.01	34.762	27.991	30.390	32.761	37.423	8.1	0.108	1447.9	494
7	1	550	-1.914	-1.927	0.41	-0.01	34.775	28.002	30.400	32.771	37.433	6.8	0.112	1448.8	543
7	1	600	-1.901	-1.916	0.46	0.01	34.794	28.017	30.415	32.786	37.447	5.1	0.115	1449.7	592
7	1	650	-1.896	-1.913	0.51	0.02	34.826	28.043	30.441	32.811	37.473	2.5	0.117	1450.6	642
7	1	686	-1.898	-1.916	0.53	0.01	34.829	28.045	30.443	32.814	37.475	2.0	0.118	1451.2	677

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
7		3	-1.560	-1.560	34.423	27.705	6.91	25.5	1.97	75.5							12	3
7		52	-1.507	-1.508	34.425	27.705	6.94	24.9	1.94	75.3							11	51
7		77	-1.511	-1.513	34.450	27.726	6.77	25.8	1.99	75.5							9	76
7		104	-1.521	-1.523	34.488	27.757	6.50	28.0	2.07	76.4							8	103
7	1	154	-1.699	-1.702	34.542	27.806	6.38	30.6	2.14	76.2							7	152
7		207	-1.885	-1.889	34.580	27.842	6.52	30.0	2.13	75.1							6	205
7		256	-1.897	-1.902	34.628	27.881	6.53	30.4	2.14	75.6							5	253
7		307	-1.918	-1.925	34.652	27.902	6.51	30.5	2.17	75.7							4	304
7		351	-1.865	-1.873	34.671	27.916	6.44	30.2	2.16	78.7							3	347
7		408	-1.919	-1.928	34.703	27.943	6.41	31.1	2.21	79.0							2	403
7		687	-1.898	-1.916	34.826	28.043	6.60	31.0	2.18	79.1							1	678

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.283	172.917	689	8	998	190	8	-6.		2359	22	JAN	1984	PS	84	2	7

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
7	2	0	-1.594	-1.594	0.29	0.29	34.424	27.707	30.101	32.469	37.124	37.8	0.000	1440.9	0
7	2	10	-1.563	-1.563	0.33	0.33	34.423	27.705	30.099	32.466	37.120	37.9	0.004	1441.2	9
7	2	20	-1.566	-1.566	0.34	0.32	34.422	27.704	30.099	32.466	37.120	37.9	0.008	1441.4	19
7	2	30	-1.551	-1.552	0.36	0.34	34.420	27.702	30.096	32.463	37.117	38.1	0.011	1441.6	29
7	2	40	-1.530	-1.531	0.39	0.36	34.421	27.703	30.096	32.463	37.116	38.0	0.015	1441.9	39
7	2	50	-1.519	-1.520	0.41	0.37	34.426	27.706	30.100	32.466	37.119	37.6	0.019	1442.1	49
7	2	60	-1.485	-1.486	0.45	0.40	34.431	27.709	30.102	32.468	37.119	37.3	0.023	1442.4	59
7	2	70	-1.485	-1.487	0.46	0.40	34.439	27.716	30.109	32.474	37.126	36.6	0.026	1442.6	69
7	2	80	-1.511	-1.513	0.44	0.38	34.450	27.726	30.119	32.485	37.137	35.6	0.030	1442.6	79
7	2	90	-1.499	-1.501	0.46	0.39	34.464	27.737	30.129	32.495	37.147	34.6	0.034	1442.9	89
7	2	100	-1.495	-1.497	0.47	0.40	34.466	27.738	30.131	32.497	37.148	34.4	0.037	1443.1	98
7	2	125	-1.584	-1.587	0.41	0.31	34.518	27.783	30.177	32.544	37.198	30.0	0.045	1443.1	123
7	2	150	-1.699	-1.702	0.31	0.20	34.540	27.804	30.200	32.569	37.226	27.8	0.052	1443.0	148
7	2	175	-1.821	-1.825	0.21	0.08	34.557	27.822	30.219	32.590	37.251	25.9	0.059	1442.8	173
7	2	200	-1.893	-1.897	0.16	0.01	34.578	27.841	30.239	32.611	37.274	24.0	0.065	1442.9	197
7	2	225	-1.797	-1.802	0.27	0.10	34.597	27.854	30.251	32.621	37.280	22.7	0.071	1443.8	222
7	2	250	-1.894	-1.899	0.20	0.01	34.625	27.879	30.277	32.649	37.311	20.1	0.076	1443.8	247
7	2	275	-1.915	-1.921	0.19	-0.01	34.634	27.887	30.286	32.657	37.320	19.2	0.081	1444.1	271

Potential Temperature (°C)



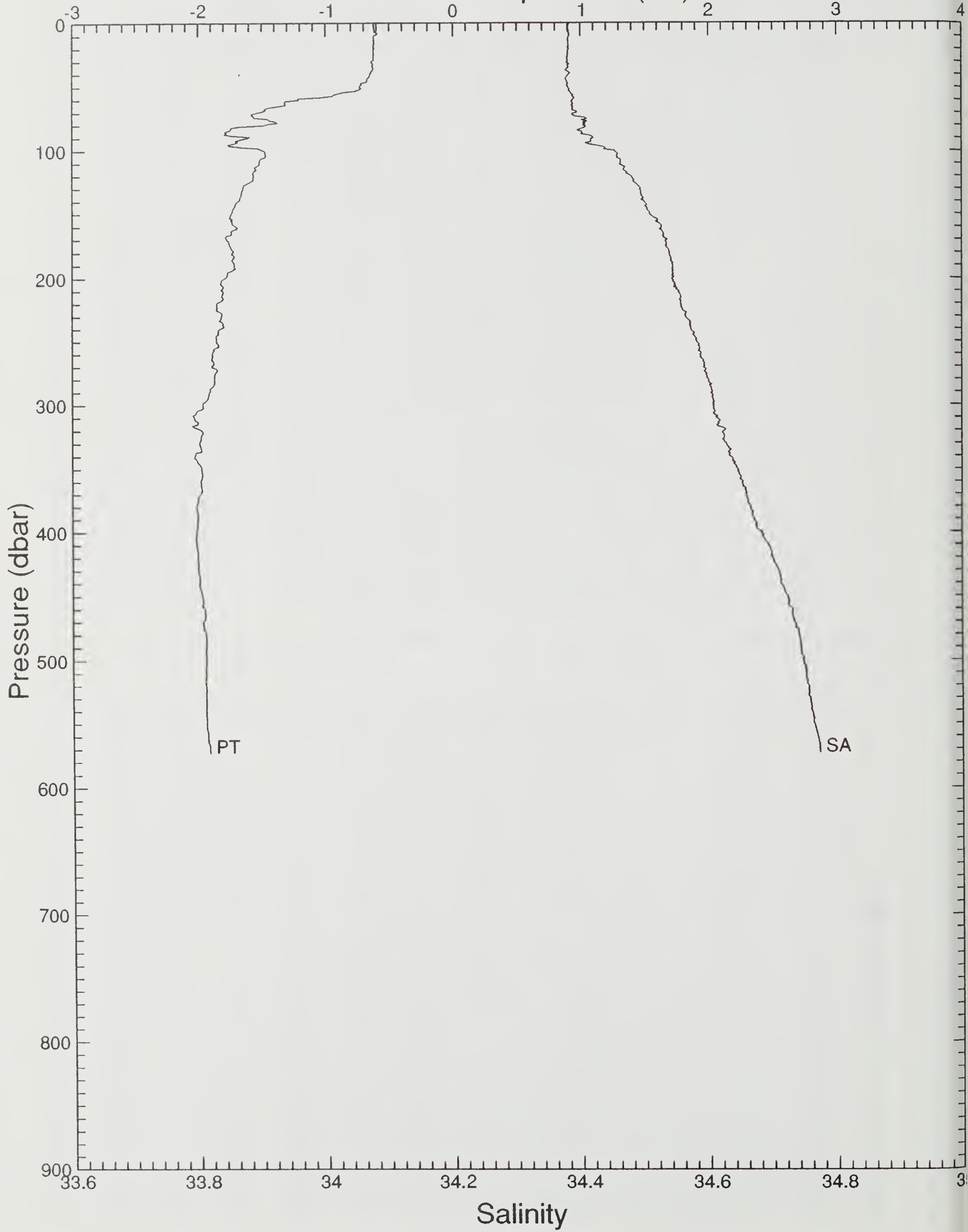
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.405	173.993	702	3	996	210	11	-6.	450	0359	23	JAN	1984	PS	84	1	8

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
8	1	0	-0.907	-0.907	0.98	0.98	34.379	27.646	30.030	32.388	37.022	43.5	0.000	1444.1	0
8	1	10	-0.904	-0.904	0.99	0.98	34.380	27.647	30.031	32.388	37.023	43.4	0.004	1444.3	9
8	1	20	-0.926	-0.927	0.98	0.96	34.378	27.646	30.031	32.388	37.023	43.5	0.009	1444.3	19
8	1	30	-0.931	-0.932	0.98	0.96	34.381	27.649	30.033	32.391	37.026	43.2	0.013	1444.5	29
8	1	40	-0.927	-0.928	0.99	0.96	34.383	27.651	30.035	32.392	37.027	43.0	0.017	1444.7	39
8	1	50	-1.083	-1.084	0.84	0.80	34.388	27.661	30.047	32.407	37.047	42.0	0.022	1444.1	49
8	1	60	-1.107	-1.109	0.82	0.78	34.389	27.662	30.049	32.410	37.050	41.8	0.026	1444.1	59
8	1	70	-1.095	-1.097	0.84	0.79	34.389	27.662	30.049	32.409	37.049	41.8	0.030	1444.4	69
8	1	80	-1.521	-1.523	0.43	0.37	34.415	27.697	30.091	32.457	37.110	38.3	0.034	1442.5	79
8	1	90	-1.703	-1.705	0.25	0.19	34.425	27.711	30.107	32.477	37.135	36.9	0.038	1441.8	89
8	1	100	-1.689	-1.691	0.28	0.20	34.425	27.711	30.107	32.476	37.134	36.9	0.041	1442.1	98
8	1	125	-1.689	-1.692	0.30	0.20	34.499	27.771	30.166	32.535	37.192	31.1	0.050	1442.6	123
8	1	150	-1.771	-1.774	0.24	0.12	34.521	27.791	30.188	32.558	37.217	29.0	0.057	1442.6	148
8	1	175	-1.781	-1.785	0.25	0.11	34.533	27.801	30.198	32.568	37.228	27.9	0.065	1443.0	173
8	1	200	-1.823	-1.827	0.22	0.07	34.552	27.818	30.215	32.586	37.247	26.2	0.071	1443.2	197
8	1	225	-1.854	-1.859	0.21	0.04	34.567	27.831	30.229	32.600	37.262	24.8	0.078	1443.5	222
8	1	250	-1.876	-1.881	0.21	0.02	34.592	27.852	30.250	32.621	37.283	22.6	0.084	1443.8	247
8	1	275	-1.851	-1.857	0.26	0.05	34.618	27.872	30.270	32.641	37.302	20.6	0.089	1444.4	271
8	1	300	-1.825	-1.832	0.30	0.08	34.634	27.884	30.282	32.652	37.312	19.3	0.094	1445.0	296
8	1	325	-1.839	-1.846	0.31	0.06	34.653	27.900	30.298	32.668	37.329	17.7	0.099	1445.3	321
8	1	350	-1.839	-1.847	0.33	0.07	34.679	27.921	30.319	32.689	37.350	15.5	0.103	1445.8	345
8	1	375	-1.855	-1.864	0.33	0.05	34.692	27.932	30.330	32.701	37.361	14.4	0.106	1446.1	370
8	1	400	-1.884	-1.893	0.32	0.02	34.708	27.946	30.344	32.715	37.377	12.9	0.110	1446.4	395
8	1	425	-1.925	-1.935	0.30	-0.02	34.725	27.961	30.360	32.731	37.394	11.3	0.113	1446.6	420
8	1	450	-1.920	-1.930	0.33	-0.01	34.735	27.969	30.368	32.739	37.402	10.4	0.116	1447.1	444
8	1	475	-1.928	-1.939	0.34	-0.02	34.744	27.977	30.375	32.747	37.410	9.5	0.118	1447.5	469
8	1	500	-1.919	-1.931	0.37	-0.01	34.760	27.990	30.388	32.759	37.422	8.2	0.120	1447.9	494
8	1	550	-1.929	-1.942	0.39	-0.02	34.776	28.003	30.401	32.773	37.435	6.7	0.124	1448.7	543
8	1	600	-1.901	-1.916	0.46	0.01	34.798	28.020	30.418	32.789	37.451	4.8	0.127	1449.7	592
8	1	650	-1.896	-1.913	0.50	0.02	34.815	28.034	30.432	32.803	37.464	3.3	0.129	1450.6	642
8	1	700	-1.892	-1.910	0.55	0.02	34.830	28.046	30.444	32.814	37.475	1.9	0.130	1451.4	691
8	1	704	-1.892	-1.910	0.55	0.02	34.830	28.046	30.444	32.814	37.476	1.9	0.130	1451.5	695

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.400	173.995	702	3	996	210	13	-5.		0432	23	JAN	1984	PS	84	2	8

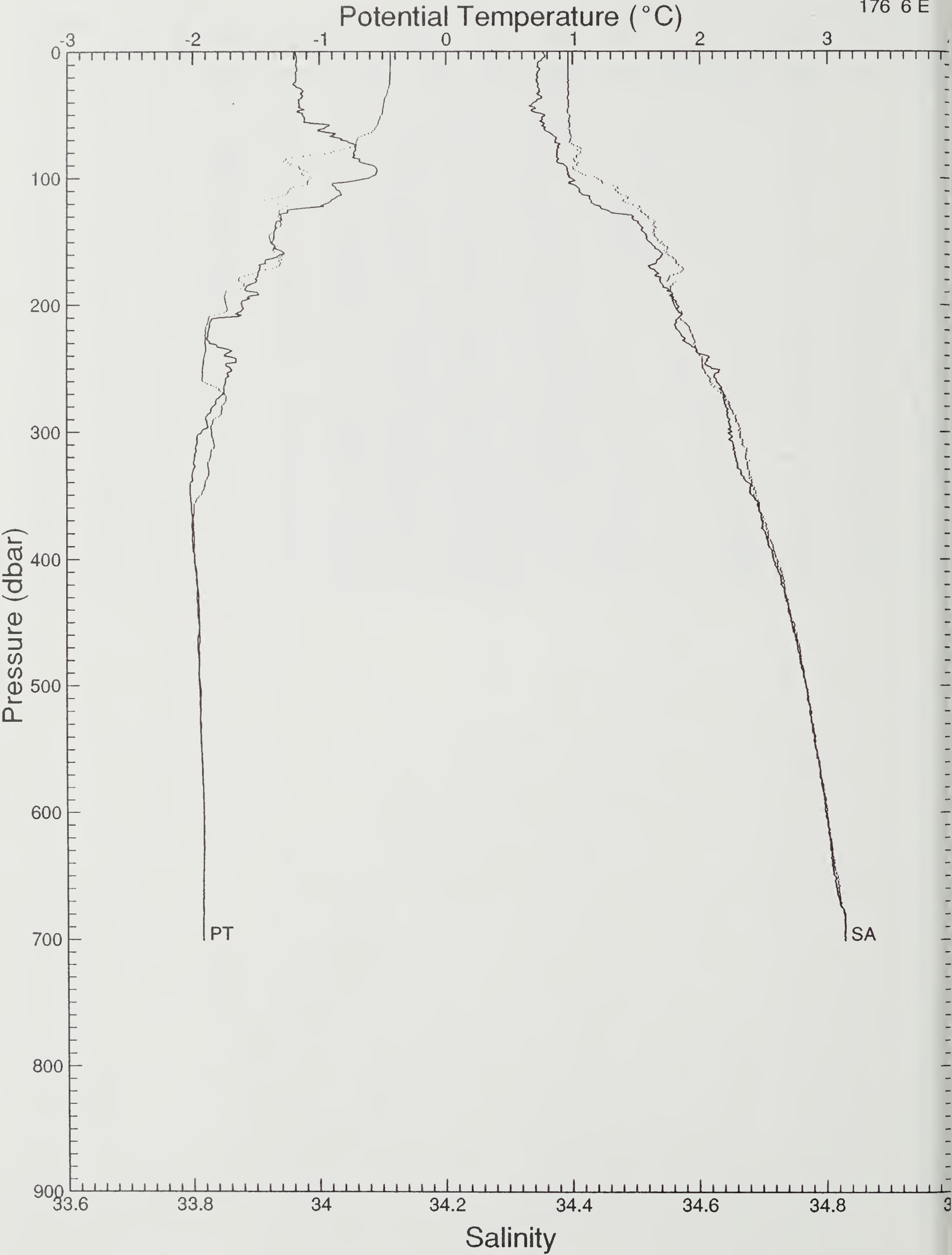
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
8	2	0	-0.859	-0.859	1.03	1.03	34.382	27.647	30.030	32.387	37.020	43.5	0.000	1444.3	0
8	2	10	-0.813	-0.813	1.08	1.07	34.381	27.644	30.027	32.383	37.014	43.7	0.004	1444.7	9
8	2	20	-0.800	-0.801	1.10	1.09	34.377	27.641	30.023	32.378	37.010	44.0	0.009	1444.9	19
8	2	30	-0.825	-0.826	1.08	1.06	34.376	27.641	30.024	32.379	37.011	44.0	0.013	1445.0	29
8	2	40	-0.814	-0.815	1.10	1.07	34.381	27.644	30.027	32.383	37.014	43.6	0.018	1445.2	39
8	2	50	-0.858	-0.859	1.07	1.03	34.392	27.655	30.038	32.395	37.028	42.5	0.022	1445.2	49
8	2	60	-1.105	-1.107	0.83	0.78	34.401	27.672	30.059	32.419	37.059	40.9	0.026	1444.2	59
8	2	70	-1.329	-1.331	0.61	0.56	34.397	27.677	30.067	32.431	37.078	40.4	0.030	1443.3	69
8	2	80	-1.359	-1.361	0.59	0.53	34.397	27.678	30.069	32.433	37.081	40.2	0.034	1443.3	79
8	2	90	-1.451	-1.453	0.50	0.44	34.407	27.689	30.081	32.447	37.097	39.1	0.038	1443.0	89
8	2	100	-1.414	-1.416	0.55	0.48	34.417	27.696	30.087	32.452	37.102	38.4	0.042	1443.4	98
8	2	125	-1.659	-1.662	0.33	0.23	34.495	27.767	30.162	32.530	37.187	31.5	0.051	1442.7	123
8	2	150	-1.789	-1.792	0.22	0.11	34.522	27.792	30.189	32.560	37.220	28.9	0.058	1442.5	148
8	2	175	-1.832	-1.836	0.20	0.06	34.543	27.810	30.208	32.579	37.240	27.0	0.065	1442.8	173
8	2	200	-1.843	-1.847	0.21	0.05	34.560	27.825	30.223	32.594	37.255	25.5	0.072	1443.1	197
8	2	225	-1.839	-1.844	0.23	0.06	34.576	27.838	30.235	32.606	37.267	24.1	0.078	1443.6	222
8	2	250	-1.860	-1.865	0.23	0.04	34.591	27.850	30.248	32.620	37.281	22.8	0.084	1443.9	247
8	2	275	-1.874	-1.880	0.23	0.03	34.617	27.872	30.270	32.641	37.303	20.6	0.089	1444.3	271
8	2	300	-1.828	-1.835	0.30	0.07	34.642	27.891	30.288	32.659	37.319	18.7	0.094	1444.9	296
8	2	325	-1.859	-1.866	0.29	0.04	34.657	27.904	30.302	32.673	37.334	17.3	0.099	1445.2	321
8	2	350	-1.893	-1.901	0.27	0.01	34.667	27.913	30.311	32.683	37.345	16.3	0.103	1445.5	345
8	2	375	-1.886	-1.894	0.30	0.02	34.691	27.932	30.331	32.702	37.363	14.3	0.107	1446.0	370
8	2	400	-1.915	-1.924	0.29	-0.01	34.701	27.941	30.340	32.711	37.374	13.3	0.110	1446.2	395
8	2	425	-1.914	-1.924	0.31	-0.01	34.723	27.959	30.358	32.729	37.392	11.5	0.113	1446.7	420
8	2	450	-1.924	-1.934	0.32	-0.02	34.737	27.971	30.369	32.741	37.404	10.2	0.116	1447.1	444
8	2	475	-1.926	-1.937	0.34	-0.02	34.744	27.977	30.375	32.747	37.409	9.6	0.118	1447.5	469
8	2	500	-1.926	-1.938	0.36	-0.02	34.757	27.987	30.386	32.757	37.420	8.4	0.121	1447.9	494
8	2	550	-1.914	-1.927	0.41	0.00	34.778	28.004	30.402	32.774	37.436	6.6	0.124	1448.8	543
8	2	600	-1.901	-1.916	0.46	0.01	34.795	28.018	30.416	32.787	37.448	5.1	0.127	1449.7	592
8	2	650	-1.896	-1.913	0.50	0.02	34.814	28.033	30.431	32.802	37.463	3.4	0.129	1450.6	642

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.470	175.292	744		995	200	10	-4.	3900	0721	23	JAN	1984	PS	84	1	9

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
9	1	0	-0.620	-0.620	1.27	1.27	34.382	27.637	30.017	32.369	36.995	44.4	0.000	1445.4	0
9	1	10	-0.621	-0.621	1.27	1.27	34.383	27.638	30.017	32.370	36.996	44.3	0.004	1445.6	9
9	1	20	-0.619	-0.620	1.28	1.27	34.382	27.637	30.017	32.369	36.995	44.4	0.009	1445.8	19
9	1	30	-0.639	-0.640	1.27	1.25	34.380	27.636	30.016	32.369	36.996	44.4	0.013	1445.8	29
9	1	40	-0.652	-0.653	1.27	1.23	34.382	27.638	30.018	32.372	36.999	44.2	0.018	1445.9	39
9	1	50	-0.732	-0.733	1.19	1.16	34.380	27.640	30.022	32.376	37.005	44.0	0.022	1445.7	49
9	1	60	-1.206	-1.207	0.73	0.68	34.388	27.665	30.054	32.415	37.059	41.5	0.026	1443.7	59
9	1	70	-1.537	-1.539	0.40	0.35	34.395	27.682	30.075	32.442	37.096	39.8	0.031	1442.3	69
9	1	80	-1.487	-1.489	0.46	0.40	34.404	27.687	30.080	32.446	37.098	39.2	0.034	1442.7	79
9	1	90	-1.611	-1.613	0.35	0.28	34.421	27.705	30.100	32.468	37.123	37.5	0.038	1442.3	89
9	1	100	-1.474	-1.476	0.49	0.42	34.454	27.728	30.120	32.486	37.137	35.4	0.042	1443.1	98
9	1	125	-1.595	-1.598	0.39	0.30	34.484	27.756	30.150	32.517	37.172	32.5	0.050	1443.0	123
9	1	150	-1.738	-1.741	0.27	0.16	34.509	27.780	30.177	32.546	37.205	30.0	0.058	1442.8	148
9	1	175	-1.741	-1.745	0.29	0.15	34.534	27.801	30.197	32.567	37.225	28.0	0.066	1443.2	173
9	1	200	-1.792	-1.796	0.26	0.10	34.544	27.810	30.207	32.578	37.238	26.9	0.072	1443.4	197
9	1	225	-1.850	-1.855	0.22	0.05	34.560	27.825	30.223	32.594	37.256	25.3	0.079	1443.5	222
9	1	250	-1.851	-1.856	0.24	0.05	34.582	27.843	30.241	32.612	37.273	23.5	0.085	1443.9	247
9	1	275	-1.861	-1.867	0.24	0.04	34.596	27.854	30.253	32.624	37.285	22.2	0.091	1444.3	271
9	1	300	-1.960	-1.966	0.17	-0.06	34.609	27.868	30.267	32.640	37.305	20.8	0.096	1444.3	296
9	1	325	-1.971	-1.978	0.17	-0.07	34.625	27.881	30.281	32.653	37.318	19.4	0.101	1444.6	321
9	1	350	-1.966	-1.974	0.20	-0.06	34.646	27.898	30.297	32.670	37.335	17.6	0.106	1445.1	345
9	1	375	-1.994	-2.002	0.19	-0.09	34.663	27.912	30.312	32.685	37.351	16.1	0.110	1445.4	370
9	1	400	-2.007	-2.016	0.20	-0.10	34.684	27.930	30.330	32.703	37.369	14.3	0.114	1445.8	395
9	1	425	-1.993	-2.002	0.23	-0.09	34.704	27.946	30.346	32.718	37.383	12.6	0.117	1446.3	420
9	1	450	-1.963	-1.973	0.28	-0.06	34.724	27.961	30.361	32.733	37.397	11.1	0.120	1446.9	444
9	1	475	-1.950	-1.961	0.32	-0.04	34.736	27.971	30.370	32.742	37.405	10.1	0.123	1447.3	469
9	1	500	-1.931	-1.943	0.35	-0.02	34.747	27.979	30.378	32.750	37.412	9.2	0.125	1447.9	494
9	1	550	-1.928	-1.941	0.40	-0.02	34.763	27.992	30.391	32.762	37.425	7.7	0.129	1448.7	543
9	1	573	-1.902	-1.916	0.44	0.01	34.773	28.000	30.398	32.769	37.431	6.9	0.131	1449.2	566



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.538	176.100	699	3	995	190	12		310	1233	23	JAN	1984	PS	84	1	10

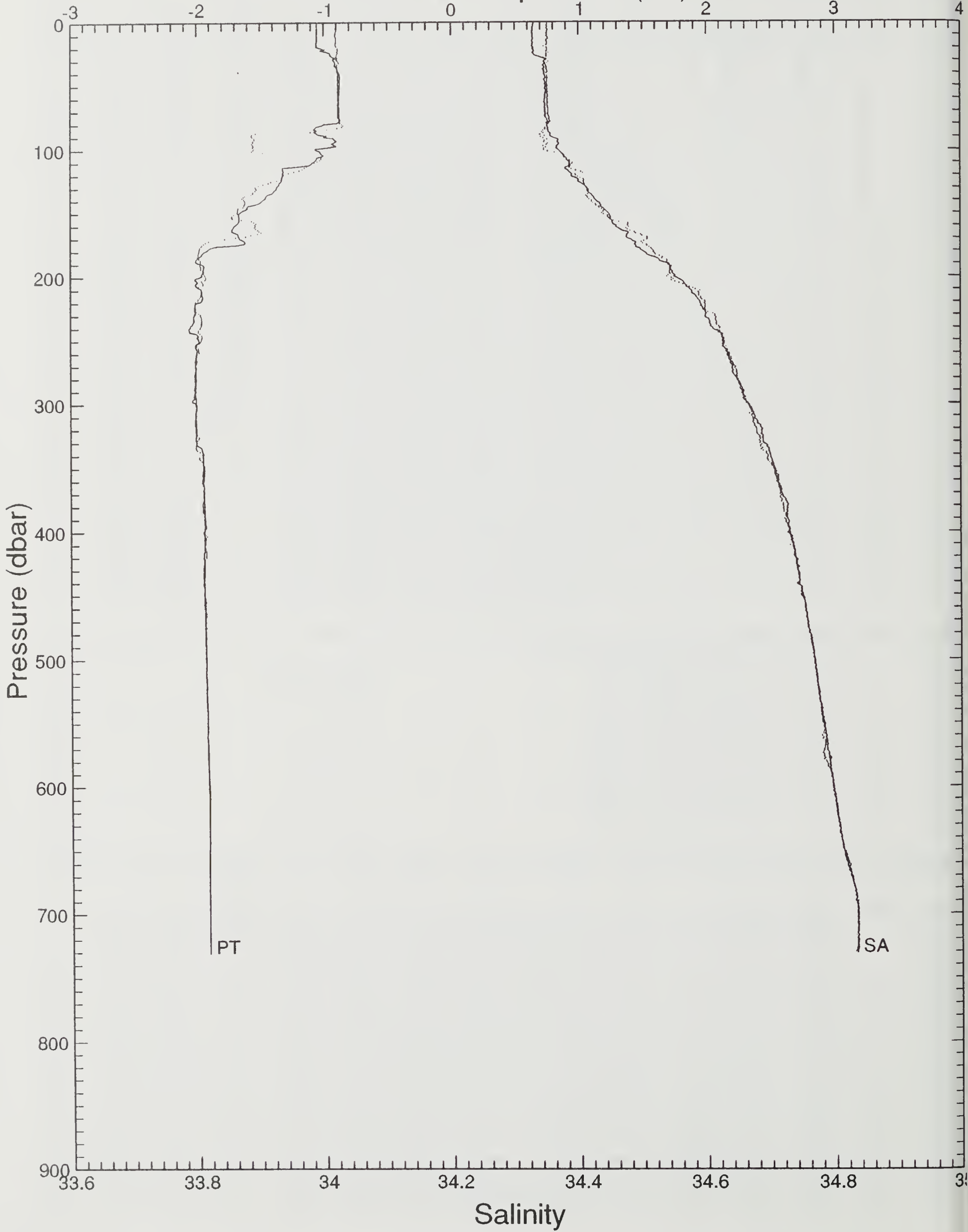
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
10	1	0	-1.188	-1.188	0.70	0.70	34.354	27.637	30.025	32.387	37.030	44.4	0.000	1442.7	0
10	1	10	-1.185	-1.185	0.71	0.70	34.345	27.629	30.018	32.379	37.022	45.1	0.004	1442.9	9
10	1	20	-1.185	-1.185	0.71	0.70	34.345	27.629	30.018	32.379	37.022	45.1	0.009	1443.1	19
10	1	30	-1.138	-1.139	0.77	0.75	34.348	27.630	30.018	32.379	37.020	45.0	0.014	1443.5	29
10	1	40	-1.160	-1.161	0.76	0.72	34.339	27.624	30.012	32.373	37.015	45.5	0.018	1443.5	39
10	1	50	-1.133	-1.134	0.79	0.75	34.356	27.636	30.024	32.385	37.026	44.3	0.023	1443.8	49
10	1	60	-0.948	-0.950	0.98	0.94	34.358	27.631	30.016	32.374	37.010	44.8	0.027	1444.8	59
10	1	70	-0.829	-0.831	1.11	1.06	34.373	27.639	30.021	32.377	37.010	44.1	0.031	1445.6	69
10	1	80	-0.725	-0.727	1.22	1.16	34.376	27.637	30.018	32.372	37.001	44.2	0.036	1446.2	79
10	1	90	-0.571	-0.574	1.38	1.32	34.388	27.640	30.019	32.371	36.995	43.9	0.040	1447.1	89
10	1	100	-0.607	-0.610	1.36	1.28	34.398	27.649	30.029	32.381	37.007	43.0	0.045	1447.1	98
10	1	125	-1.247	-1.250	0.74	0.64	34.454	27.720	30.109	32.471	37.115	36.0	0.054	1444.6	123
10	1	150	-1.366	-1.370	0.64	0.53	34.522	27.779	30.170	32.534	37.181	30.3	0.063	1444.6	148
10	1	175	-1.480	-1.484	0.55	0.42	34.537	27.795	30.188	32.553	37.203	28.6	0.070	1444.4	173
10	1	200	-1.600	-1.605	0.45	0.30	34.565	27.822	30.216	32.583	37.237	25.9	0.077	1444.3	197
10	1	225	-1.872	-1.877	0.20	0.03	34.574	27.837	30.235	32.607	37.269	24.2	0.083	1443.4	222
10	1	250	-1.691	-1.697	0.40	0.21	34.620	27.869	30.264	32.633	37.289	21.1	0.089	1444.8	247
10	1	275	-1.804	-1.810	0.30	0.10	34.639	27.888	30.285	32.655	37.315	19.1	0.094	1444.7	271
10	1	300	-1.920	-1.926	0.21	-0.02	34.652	27.902	30.300	32.672	37.335	17.6	0.099	1444.5	296
10	1	325	-1.983	-1.990	0.17	-0.08	34.660	27.910	30.309	32.682	37.347	16.6	0.103	1444.6	321
10	1	350	-2.008	-2.015	0.16	-0.10	34.682	27.928	30.328	32.701	37.367	14.7	0.107	1445.0	345
10	1	375	-1.993	-2.001	0.19	-0.09	34.700	27.943	30.342	32.715	37.380	13.2	0.110	1445.5	370
10	1	400	-1.971	-1.980	0.24	-0.07	34.717	27.956	30.355	32.728	37.392	11.9	0.113	1446.0	395
10	1	425	-1.942	-1.952	0.28	-0.04	34.733	27.968	30.367	32.739	37.402	10.6	0.116	1446.6	420
10	1	450	-1.933	-1.943	0.31	-0.03	34.746	27.979	30.377	32.749	37.412	9.5	0.119	1447.0	444
10	1	475	-1.939	-1.950	0.33	-0.03	34.757	27.988	30.386	32.758	37.421	8.5	0.121	1447.4	469
10	1	500	-1.931	-1.943	0.35	-0.02	34.767	27.996	30.394	32.766	37.428	7.6	0.123	1447.9	494
10	1	550	-1.916	-1.929	0.41	-0.01	34.783	28.008	30.407	32.778	37.440	6.2	0.126	1448.8	543
10	1	600	-1.896	-1.911	0.47	0.02	34.798	28.020	30.418	32.789	37.450	4.9	0.129	1449.7	592
10	1	650	-1.899	-1.915	0.50	0.01	34.812	28.032	30.429	32.800	37.462	3.5	0.131	1450.6	642
10	1	700	-1.899	-1.917	0.54	0.01	34.828	28.045	30.442	32.813	37.475	2.0	0.133	1451.4	691
10	1	701	-1.898	-1.916	0.54	0.01	34.828	28.045	30.442	32.813	37.474	2.0	0.133	1451.4	692

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
10	1	3	-0.439	-0.439	34.393	27.638	9.09									2.41	12	3
10		3	-0.439	-0.439	34.396	27.640					214	210	2069				11	3
10		91	-1.158	-1.160	34.403	27.676					291	276	2159				9	90
10	1	91	-1.158	-1.160	34.401	27.674	7.59								3.74	1.75	10	90
10		203	-1.718	-1.722	34.564	27.824					428	397	2216				7	201
10	1	205	-1.723	-1.728	34.572	27.831	6.47								2.38	1.26	8	203
10		367	-1.982	-1.990	34.698	27.941					448	412	2230				5	363
10	1	369	-1.983	-1.991	34.703	27.945	6.47								2.32	1.36	6	364
10		460	-1.930	-1.941	34.754	27.985					454	418	2231				3	454
10	1	463	-1.928	-1.939	34.753	27.984	6.50								2.55	1.18	4	457
10		695	-1.899	-1.917	34.848	28.061					453	417	2236				1	687

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.518	176.150	699	3	994	170	10	-10.	1940	1340	23	JAN	1984	PS	84	2	10

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
10	2	0	-0.439	-0.439	1.45	1.45	34.393	27.638	30.015	32.365	36.985	44.3	0.000	1446.3	0
10	2	10	-0.439	-0.439	1.46	1.45	34.393	27.638	30.015	32.365	36.985	44.3	0.004	1446.5	9
10	2	20	-0.439	-0.440	1.46	1.45	34.393	27.638	30.015	32.365	36.985	44.3	0.009	1446.6	19
10	2	30	-0.458	-0.459	1.45	1.43	34.393	27.639	30.016	32.366	36.987	44.2	0.013	1446.7	29
10	2	40	-0.487	-0.488	1.43	1.40	34.393	27.640	30.018	32.368	36.990	44.1	0.018	1446.7	39
10	2	50	-0.504	-0.506	1.42	1.38	34.395	27.642	30.020	32.371	36.993	43.8	0.022	1446.8	49
10	2	60	-0.550	-0.552	1.38	1.34	34.395	27.644	30.023	32.375	36.998	43.6	0.027	1446.8	59
10	2	70	-0.697	-0.699	1.24	1.19	34.397	27.653	30.033	32.387	37.015	42.8	0.031	1446.2	69
10	2	80	-0.903	-0.905	1.05	0.99	34.413	27.674	30.058	32.415	37.049	40.7	0.035	1445.5	79
10	2	90	-1.227	-1.229	0.73	0.66	34.407	27.681	30.070	32.432	37.076	39.9	0.039	1444.1	89
10	2	100	-1.054	-1.057	0.91	0.84	34.439	27.701	30.087	32.446	37.084	38.0	0.043	1445.1	98
10	2	125	-1.304	-1.307	0.68	0.59	34.509	27.767	30.156	32.519	37.164	31.6	0.052	1444.4	123
10	2	150	-1.376	-1.380	0.63	0.52	34.541	27.795	30.186	32.549	37.197	28.8	0.059	1444.5	148
10	2	175	-1.518	-1.522	0.51	0.38	34.566	27.820	30.213	32.579	37.230	26.2	0.066	1444.3	173
10	2	200	-1.727	-1.731	0.32	0.17	34.561	27.822	30.218	32.587	37.245	25.8	0.073	1443.7	197
10	2	225	-1.890	-1.895	0.18	0.01	34.590	27.850	30.249	32.620	37.283	22.9	0.079	1443.4	222
10	2	250	-1.912	-1.917	0.18	-0.01	34.606	27.864	30.263	32.635	37.298	21.5	0.084	1443.7	247

Potential Temperature (°C)

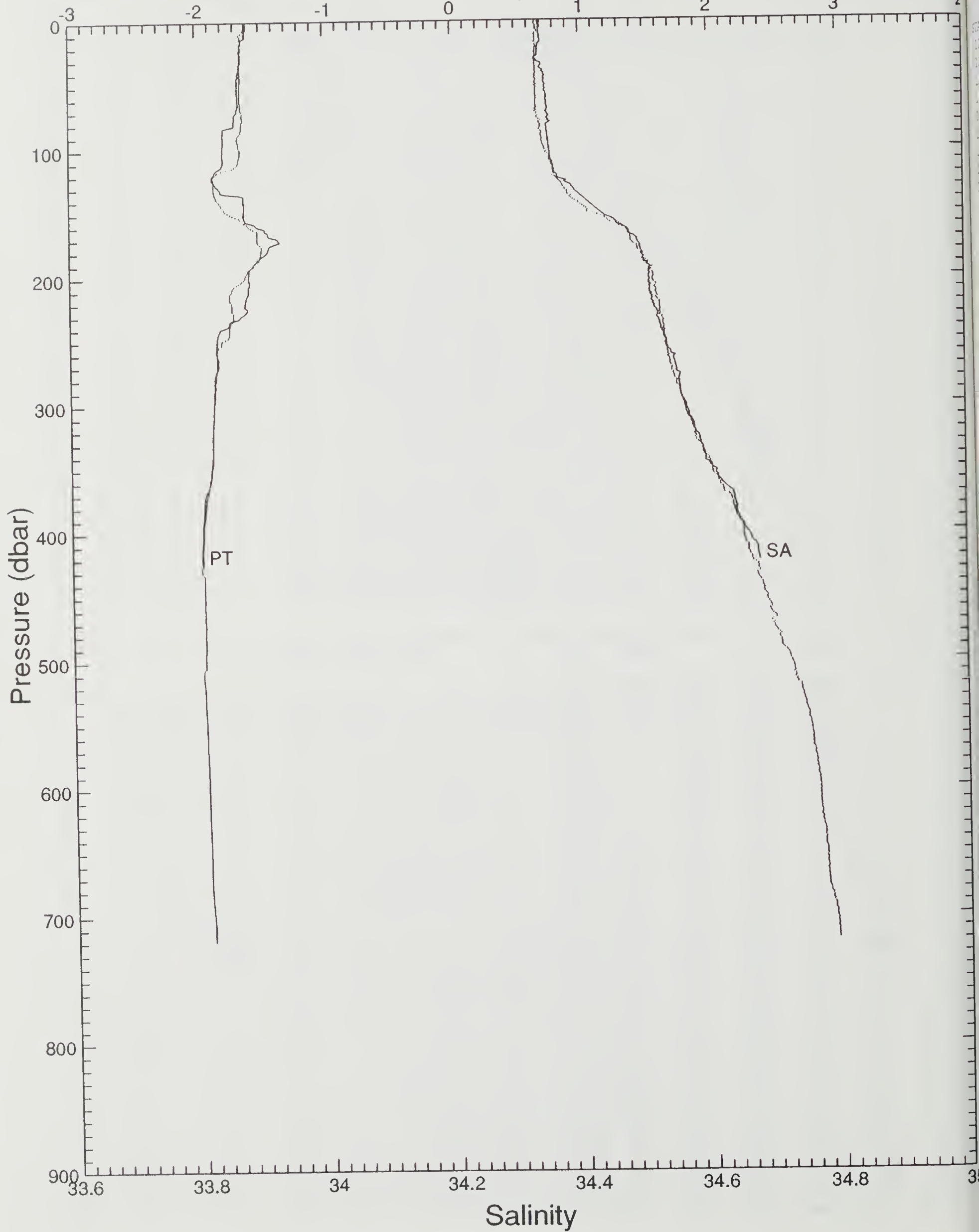


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.613	176.980	730		993	180	9	-10.		1520	23	JAN	1984	PS	84	1	11

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
11	1	0	-1.051	-1.051	0.83	0.83	34.330	27.612	29.999	32.358	36.997	46.8	0.000	1443.4	0
11	1	10	-1.052	-1.052	0.84	0.83	34.328	27.611	29.997	32.357	36.996	46.9	0.005	1443.5	9
11	1	20	-1.028	-1.029	0.87	0.86	34.330	27.611	29.998	32.357	36.995	46.8	0.009	1443.8	19
11	1	30	-0.920	-0.921	0.99	0.96	34.347	27.621	30.005	32.363	36.998	45.8	0.014	1444.5	29
11	1	40	-0.884	-0.885	1.03	1.00	34.347	27.620	30.003	32.360	36.994	45.9	0.019	1444.8	39
11	1	50	-0.885	-0.886	1.04	1.00	34.350	27.622	30.006	32.363	36.997	45.7	0.023	1445.0	49
11	1	60	-0.881	-0.883	1.05	1.00	34.348	27.620	30.004	32.361	36.995	45.8	0.028	1445.1	59
11	1	70	-0.882	-0.884	1.06	1.00	34.348	27.620	30.004	32.361	36.995	45.8	0.032	1445.3	69
11	1	80	-0.995	-0.997	0.95	0.89	34.351	27.627	30.013	32.371	37.009	45.1	0.037	1444.9	79
11	1	90	-0.996	-0.998	0.96	0.89	34.358	27.633	30.018	32.377	37.014	44.5	0.041	1445.1	89
11	1	100	-1.055	-1.058	0.91	0.83	34.369	27.644	30.031	32.390	37.029	43.4	0.046	1445.0	98
11	1	125	-1.332	-1.335	0.65	0.56	34.400	27.679	30.070	32.433	37.081	39.9	0.056	1444.1	123
11	1	150	-1.660	-1.663	0.34	0.23	34.447	27.728	30.123	32.492	37.148	35.0	0.066	1443.0	148
11	1	175	-1.681	-1.685	0.34	0.21	34.488	27.762	30.157	32.526	37.183	31.7	0.074	1443.4	173
11	1	200	-1.972	-1.976	0.08	-0.08	34.550	27.820	30.220	32.593	37.258	25.9	0.081	1442.5	197
11	1	225	-2.005	-2.009	0.06	-0.11	34.595	27.857	30.258	32.631	37.297	22.2	0.087	1442.8	222
11	1	250	-1.971	-1.976	0.12	-0.07	34.627	27.883	30.282	32.655	37.320	19.7	0.092	1443.4	247
11	1	275	-2.000	-2.006	0.11	-0.10	34.641	27.895	30.295	32.668	37.333	18.3	0.097	1443.7	271
11	1	300	-2.000	-2.006	0.13	-0.10	34.666	27.915	30.315	32.688	37.353	16.3	0.101	1444.2	296
11	1	325	-1.995	-2.002	0.15	-0.09	34.689	27.934	30.333	32.706	37.371	14.4	0.105	1444.6	321
11	1	350	-1.935	-1.943	0.23	-0.03	34.707	27.947	30.346	32.717	37.380	13.1	0.109	1445.3	345
11	1	375	-1.934	-1.942	0.26	-0.03	34.724	27.961	30.359	32.731	37.394	11.6	0.112	1445.8	370
11	1	400	-1.932	-1.941	0.28	-0.03	34.729	27.965	30.363	32.735	37.398	11.1	0.115	1446.2	395
11	1	425	-1.935	-1.945	0.29	-0.03	34.741	27.974	30.373	32.745	37.408	10.0	0.117	1446.6	420
11	1	450	-1.931	-1.941	0.32	-0.02	34.747	27.979	30.378	32.749	37.412	9.4	0.120	1447.0	444
11	1	475	-1.915	-1.926	0.35	-0.01	34.758	27.988	30.386	32.757	37.420	8.5	0.122	1447.5	469
11	1	500	-1.917	-1.929	0.37	-0.01	34.768	27.996	30.394	32.766	37.428	7.6	0.124	1448.0	494
11	1	550	-1.909	-1.922	0.41	0.00	34.782	28.007	30.405	32.777	37.438	6.3	0.127	1448.8	543
11	1	600	-1.897	-1.912	0.47	0.01	34.797	28.019	30.417	32.788	37.449	4.9	0.130	1449.7	592
11	1	650	-1.897	-1.914	0.50	0.02	34.813	28.032	30.430	32.801	37.462	3.4	0.132	1450.6	642
11	1	700	-1.897	-1.915	0.54	0.02	34.833	28.049	30.446	32.817	37.478	1.7	0.134	1451.4	691
11	1	731	-1.896	-1.915	0.57	0.02	34.833	28.049	30.446	32.817	37.478	1.5	0.134	1451.9	721

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.612	176.978	730		993	160	5		1300	1556	23	JAN	1984	PS	84	2	11

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
11	2	0	-0.898	-0.898	0.99	0.99	34.352	27.624	30.008	32.365	37.000	45.6	0.000	1444.1	0
11	2	10	-0.907	-0.907	0.99	0.98	34.351	27.624	30.008	32.365	37.000	45.6	0.005	1444.2	9
11	2	20	-0.888	-0.889	1.01	1.00	34.350	27.622	30.006	32.363	36.997	45.8	0.009	1444.5	19
11	2	30	-0.889	-0.890	1.02	1.00	34.349	27.621	30.005	32.362	36.997	45.8	0.014	1444.6	29
11	2	40	-0.874	-0.875	1.04	1.01	34.350	27.622	30.005	32.362	36.996	45.7	0.018	1444.9	39
11	2	50	-0.873	-0.874	1.05	1.01	34.352	27.623	30.007	32.364	36.997	45.6	0.023	1445.0	49
11	2	60	-0.874	-0.876	1.06	1.01	34.351	27.623	30.006	32.363	36.997	45.6	0.027	1445.2	59
11	2	70	-0.874	-0.876	1.06	1.01	34.353	27.624	30.008	32.365	36.998	45.4	0.032	1445.3	69
11	2	80	-0.852	-0.854	1.09	1.03	34.353	27.623	30.007	32.363	36.996	45.5	0.037	1445.6	79
11	2	90	-1.557	-1.559	0.40	0.33	34.341	27.638	30.033	32.400	37.055	43.8	0.041	1442.4	89
11	2	100	-1.551	-1.553	0.41	0.33	34.346	27.642	30.036	32.404	37.058	43.4	0.045	1442.6	98
11	2	125	-1.410	-1.413	0.57	0.48	34.408	27.688	30.080	32.445	37.094	39.0	0.056	1443.8	123
11	2	150	-1.673	-1.676	0.33	0.22	34.437	27.720	30.116	32.484	37.142	35.8	0.065	1443.0	148
11	2	175	-1.953	-1.956	0.07	-0.06	34.507	27.784	30.184	32.557	37.222	29.4	0.073	1442.1	173
11	2	200	-1.921	-1.925	0.12	-0.03	34.539	27.810	30.209	32.581	37.245	26.9	0.080	1442.7	197
11	2	225	-2.009	-2.013	0.06	-0.11	34.598	27.860	30.260	32.634	37.300	21.9	0.086	1442.8	222
11	2	250	-1.961	-1.966	0.13	-0.06	34.626	27.881	30.281	32.654	37.318	19.8	0.091	1443.5	247
11	2	275	-1.997	-2.003	0.11	-0.10	34.648	27.900	30.300	32.673	37.339	17.8	0.096	1443.7	271
11	2	300	-1.994	-2.000	0.14	-0.09	34.663	27.912	30.312	32.685	37.351	16.5	0.100	1444.2	296
11	2	325	-1.976	-1.983	0.17	-0.07	34.682	27.927	30.327	32.700	37.364	15.0	0.104	1444.7	321
11	2	350	-1.930	-1.938	0.24	-0.03	34.705	27.945	30.344	32.715	37.378	13.2	0.108	1445.4	345
11	2	375	-1.937	-1.945	0.25	-0.03	34.718	27.956	30.355	32.726	37.389	12.1	0.111	1445.8	370
11	2	400	-1.939	-1.948	0.27	-0.03	34.730	27.966	30.364	32.736	37.399	11.0	0.114	1446.2	395
11	2	425	-1.927	-1.937	0.30	-0.02	34.740	27.973	30.372	32.744	37.406	10.1	0.117	1446.6	420
11	2	450	-1.932	-1.942	0.31	-0.02	34.750	27.982	30.380	32.752	37.415	9.2	0.119	1447.0	444
11	2	475	-1.928	-1.939	0.34	-0.02	34.759	27.989	30.387	32.759	37.422	8.4	0.121	1447.5	469
11	2	500	-1.921	-1.933	0.36	-0.01	34.768	27.996	30.395	32.766	37.428	7.6	0.123	1447.9	494
11	2	550	-1.911	-1.924	0.41	0.00	34.780	28.006	30.404	32.775	37.437	6.4	0.127	1448.8	543
11	2	600	-1.895	-1.910	0.47	0.02	34.795	28.018	30.415	32.786	37.448	5.1	0.130	1449.7	592
11	2	650	-1.898	-1.914	0.50	0.01	34.813	28.032	30.430	32.801	37.462	3.4	0.132	1450.6	642

Potential Temperature ($^{\circ}\text{C}$)

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.838	178.000	724		995	150	10	-6.	460	1820	23	JAN	1984	PS	84	1	12

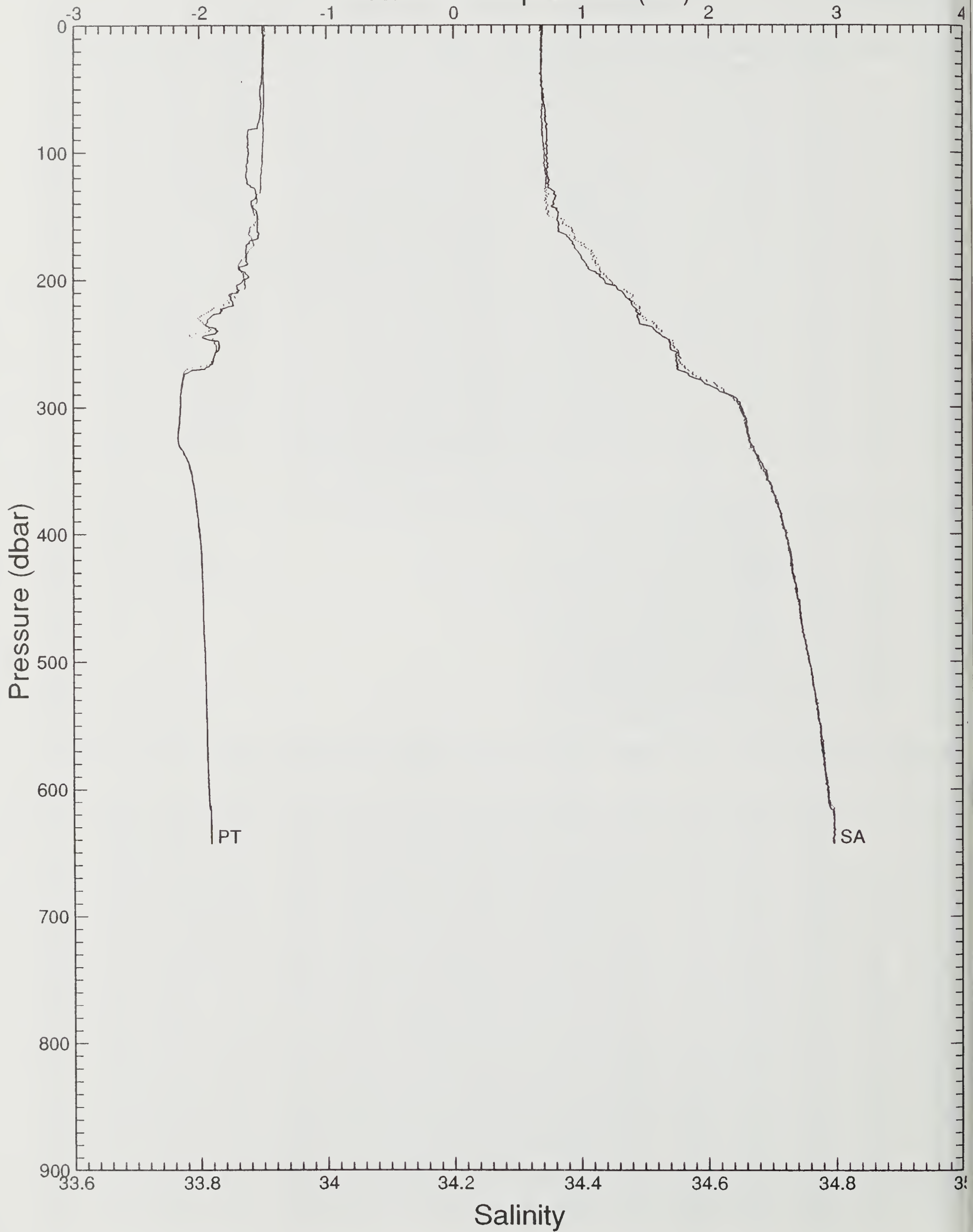
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
12	1	0	-1.609	-1.609	0.27	0.27	34.338	27.637	30.033	32.401	37.057	44.4	0.000	1440.7	0
12	1	10	-1.609	-1.609	0.28	0.27	34.339	27.638	30.033	32.402	37.058	44.2	0.004	1440.9	9
12	1	20	-1.642	-1.642	0.26	0.24	34.337	27.638	30.033	32.402	37.059	44.3	0.009	1440.9	19
12	1	30	-1.640	-1.641	0.27	0.24	34.331	27.633	30.028	32.397	37.054	44.7	0.013	1441.0	29
12	1	40	-1.660	-1.661	0.26	0.23	34.343	27.643	30.039	32.408	37.066	43.6	0.018	1441.1	39
12	1	50	-1.668	-1.669	0.26	0.22	34.348	27.647	30.043	32.412	37.070	43.2	0.022	1441.3	49
12	1	60	-1.664	-1.665	0.27	0.22	34.350	27.649	30.045	32.414	37.072	43.0	0.026	1441.4	59
12	1	70	-1.672	-1.673	0.27	0.21	34.351	27.650	30.046	32.415	37.073	42.8	0.031	1441.6	69
12	1	80	-1.694	-1.696	0.25	0.19	34.353	27.652	30.049	32.418	37.077	42.5	0.035	1441.6	79
12	1	90	-1.781	-1.783	0.17	0.10	34.351	27.653	30.051	32.422	37.083	42.4	0.039	1441.4	89
12	1	100	-1.783	-1.785	0.18	0.10	34.354	27.655	30.053	32.424	37.086	42.1	0.043	1441.5	98
12	1	125	-1.855	-1.857	0.13	0.03	34.380	27.678	30.077	32.449	37.113	39.7	0.054	1441.6	123
12	1	150	-1.622	-1.625	0.38	0.27	34.433	27.715	30.110	32.478	37.134	36.2	0.063	1443.2	148
12	1	175	-1.421	-1.425	0.60	0.47	34.493	27.758	30.149	32.514	37.163	32.2	0.072	1444.7	173
12	1	200	-1.582	-1.587	0.46	0.31	34.507	27.774	30.168	32.535	37.189	30.4	0.080	1444.3	197
12	1	225	-1.592	-1.597	0.47	0.30	34.516	27.782	30.176	32.543	37.197	29.6	0.087	1444.7	222
12	1	250	-1.835	-1.840	0.25	0.06	34.533	27.802	30.200	32.571	37.233	27.3	0.094	1444.0	247
12	1	275	-1.847	-1.853	0.26	0.05	34.549	27.816	30.214	32.585	37.247	25.9	0.101	1444.3	271
12	1	300	-1.866	-1.873	0.26	0.03	34.563	27.828	30.226	32.597	37.260	24.6	0.107	1444.7	296
12	1	325	-1.875	-1.882	0.27	0.02	34.583	27.844	30.243	32.614	37.276	22.9	0.113	1445.0	321
12	1	350	-1.884	-1.892	0.28	0.02	34.604	27.862	30.260	32.632	37.294	21.1	0.118	1445.4	345
12	1	375	-1.943	-1.951	0.24	-0.04	34.637	27.890	30.289	32.662	37.326	18.2	0.123	1445.6	370
12	1	400	-1.953	-1.962	0.25	-0.05	34.656	27.906	30.305	32.677	37.342	16.6	0.128	1446.0	395
12	1	423	-1.964	-1.973	0.26	-0.06	34.676	27.922	30.322	32.694	37.359	14.9	0.131	1446.3	418

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
12	1	3	-1.614	-1.614	34.332	27.633	7.75								3.71	1.98	11	3
12		111	-1.670	-1.672	34.355	27.653	7.14								3.00	1.59	10	109
12		167	-1.514	-1.518	34.475	27.746	6.29								2.55	1.23	2	165
12		202	-1.636	-1.641	34.511	27.779	6.38								2.55	1.29	5	200
12		253	-1.802	-1.808	34.532	27.801	6.46										6	250
12		307	-1.864	-1.871	34.562	27.827	6.51								2.37	1.27	4	303
12		356	-1.890	-1.898	34.605	27.863	6.50										12	352
12		429	-1.973	-1.983	34.676	27.923	6.54										9	424
12		508	-1.967	-1.979	34.726	27.963	6.43										7	502
12		605	-1.935	-1.950	34.765	27.994	6.46										8	598
12		680	-1.922	-1.939	34.773	28.000	6.44								2.37	1.16	3	672
12		734	-1.902	-1.921	34.789	28.013	6.45								2.37	1.21	1	725

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.813	178.100	724	10	995	150	10	-5.	1780	1917	23	JAN	1984	PS	84	2	12

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
12	2	0	-1.612	-1.612	0.27	0.27	34.334	27.634	30.029	32.398	37.054	44.7	0.000	1440.7	0
12	2	10	-1.651	-1.651	0.24	0.23	34.333	27.635	30.030	32.399	37.057	44.6	0.004	1440.7	9
12	2	20	-1.645	-1.645	0.25	0.24	34.334	27.635	30.031	32.400	37.057	44.5	0.009	1440.9	19
12	2	30	-1.645	-1.646	0.26	0.24	34.332	27.634	30.029	32.398	37.055	44.6	0.013	1441.0	29
12	2	40	-1.643	-1.644	0.27	0.24	34.333	27.634	30.030	32.399	37.056	44.4	0.018	1441.2	39
12	2	50	-1.646	-1.647	0.28	0.24	34.334	27.635	30.031	32.400	37.057	44.3	0.022	1441.3	49
12	2	60	-1.646	-1.647	0.28	0.24	34.333	27.634	30.030	32.399	37.056	44.3	0.027	1441.5	59
12	2	70	-1.632	-1.633	0.31	0.25	34.334	27.635	30.030	32.399	37.056	44.2	0.031	1441.7	69
12	2	80	-1.635	-1.637	0.31	0.25	34.338	27.638	30.034	32.402	37.059	43.9	0.036	1441.9	79
12	2	90	-1.670	-1.672	0.28	0.22	34.341	27.642	30.038	32.407	37.065	43.5	0.040	1441.9	89
12	2	100	-1.648	-1.650	0.31	0.24	34.346	27.645	30.041	32.410	37.067	43.1	0.044	1442.2	98
12	2	125	-1.857	-1.859	0.12	0.03	34.368	27.669	30.068	32.440	37.103	40.6	0.055	1441.6	123
12	2	150	-1.730	-1.733	0.27	0.16	34.412	27.701	30.098	32.468	37.127	37.5	0.065	1442.7	148
12	2	175	-1.484	-1.488	0.54	0.41	34.484	27.752	30.145	32.511	37.162	32.6	0.073	1444.3	173
12	2	200	-1.613	-1.618	0.43	0.28	34.515	27.782	30.176	32.544	37.198	29.7	0.081	1444.2	197
12	2	225	-1.717	-1.722	0.35	0.18	34.524	27.792	30.188	32.557	37.215	28.5	0.088	1444.1	222
12	2	250	-1.800	-1.805	0.28	0.10	34.534	27.802	30.200	32.570	37.231	27.3	0.095	1444.1	247
12	2	275	-1.840	-1.846	0.26	0.06	34.542	27.810	30.208	32.579	37.241	26.4	0.102	1444.3	271
12	2	300	-1.860	-1.867	0.26	0.04	34.561	27.826	30.224	32.595	37.258	24.8	0.108	1444.7	296
12	2	325	-1.872	-1.879	0.27	0.03	34.578	27.840	30.238	32.610	37.272	23.3	0.114	1445.1	321
12	2	350	-1.887	-1.895	0.28	0.01	34.604	27.862	30.260	32.632	37.294	21.1	0.120	1445.4	345
12	2	375	-1.930	-1.938	0.25	-0.03	34.633	27.886	30.285	32.658	37.321	18.6	0.125	1445.7	370
12	2	400	-1.959	-1.968	0.25	-0.06	34.652	27.903	30.302	32.675	37.339	16.9	0.129	1446.0	395
12	2	425	-1.964	-1.973	0.26	-0.06	34.669	27.917	30.316	32.689	37.353	15.4	0.133	1446.4	420

Potential Temperature (°C)



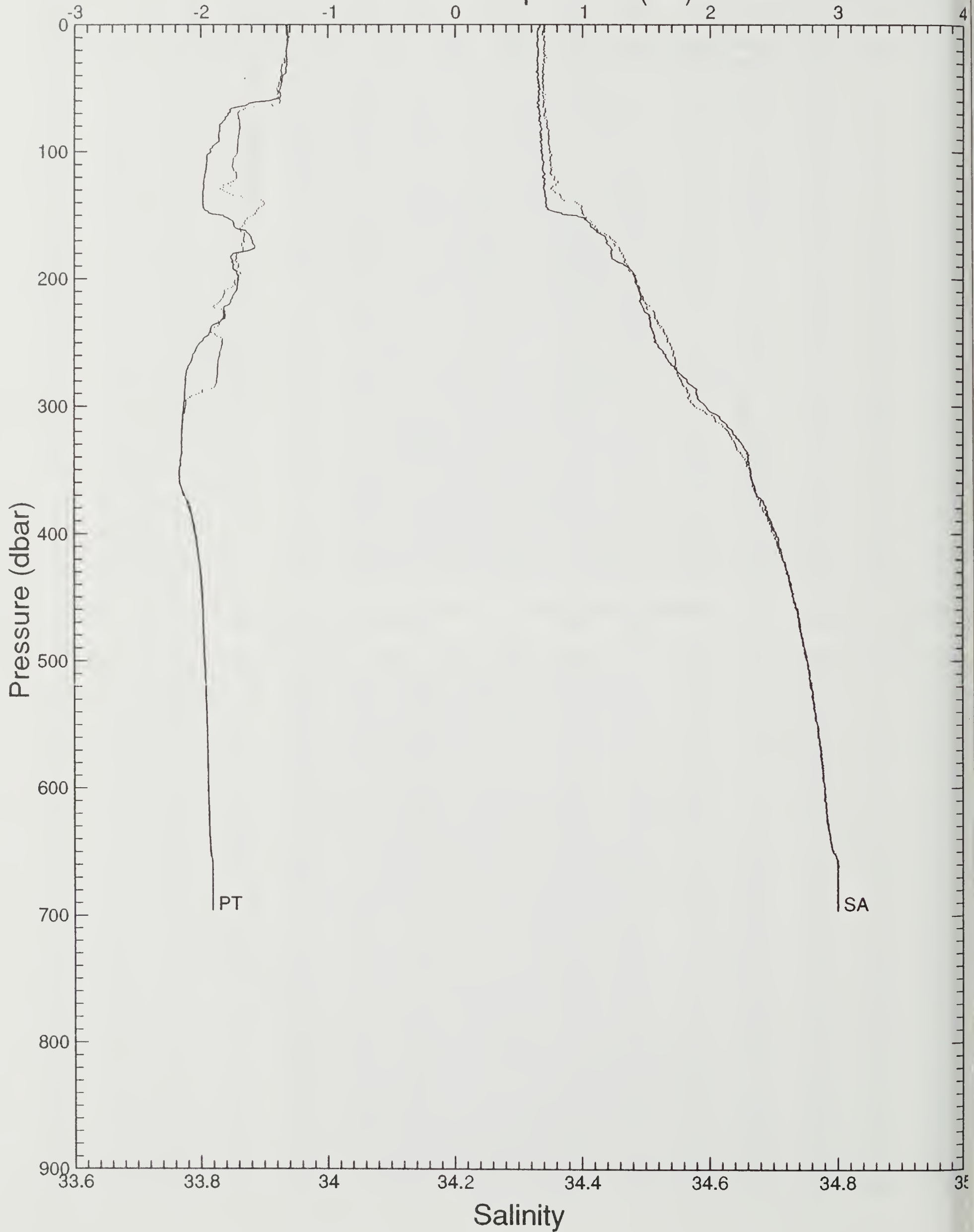
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.977	178.960	647	8	996	150	12	-4.	410	2130	23	JAN	1984	PS	84	1	13

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
13	1	0	-1.498	-1.498	0.39	0.39	34.338	27.634	30.027	32.394	37.047	44.7	0.000	1441.2	0
13	1	10	-1.497	-1.497	0.39	0.39	34.338	27.634	30.027	32.394	37.047	44.7	0.004	1441.4	9
13	1	20	-1.498	-1.498	0.40	0.39	34.339	27.635	30.028	32.395	37.047	44.5	0.009	1441.6	19
13	1	30	-1.498	-1.499	0.41	0.39	34.338	27.634	30.027	32.394	37.047	44.5	0.013	1441.7	29
13	1	40	-1.503	-1.504	0.41	0.38	34.339	27.635	30.029	32.395	37.048	44.4	0.018	1441.9	39
13	1	50	-1.516	-1.517	0.41	0.37	34.342	27.638	30.032	32.398	37.052	44.1	0.022	1442.0	49
13	1	60	-1.512	-1.513	0.42	0.37	34.342	27.638	30.031	32.398	37.051	44.0	0.027	1442.2	59
13	1	70	-1.517	-1.519	0.42	0.37	34.345	27.640	30.034	32.401	37.054	43.7	0.031	1442.3	69
13	1	80	-1.536	-1.538	0.41	0.35	34.346	27.642	30.036	32.403	37.057	43.5	0.035	1442.4	79
13	1	90	-1.611	-1.613	0.34	0.27	34.347	27.645	30.040	32.408	37.064	43.2	0.040	1442.2	89
13	1	100	-1.604	-1.606	0.36	0.28	34.347	27.645	30.040	32.408	37.064	43.2	0.044	1442.4	98
13	1	125	-1.615	-1.618	0.36	0.27	34.348	27.646	30.041	32.409	37.066	42.9	0.055	1442.7	123
13	1	150	-1.533	-1.536	0.47	0.35	34.365	27.657	30.051	32.418	37.072	41.7	0.065	1443.5	148
13	1	175	-1.622	-1.626	0.40	0.26	34.391	27.681	30.076	32.444	37.101	39.3	0.076	1443.6	173
13	1	200	-1.647	-1.651	0.39	0.24	34.437	27.719	30.115	32.483	37.139	35.6	0.085	1443.9	197
13	1	225	-1.829	-1.834	0.23	0.06	34.487	27.765	30.163	32.534	37.196	31.0	0.093	1443.5	222
13	1	250	-1.835	-1.840	0.25	0.06	34.541	27.809	30.207	32.578	37.239	26.7	0.100	1444.0	247
13	1	275	-2.111	-2.116	-0.01	-0.21	34.570	27.839	30.242	32.617	37.287	23.4	0.107	1443.1	271
13	1	300	-2.141	-2.147	-0.01	-0.24	34.653	27.908	30.310	32.685	37.355	16.8	0.112	1443.5	296
13	1	325	-2.160	-2.166	-0.01	-0.26	34.666	27.919	30.321	32.697	37.367	15.6	0.116	1443.8	321
13	1	350	-2.053	-2.060	0.12	-0.15	34.692	27.937	30.338	32.712	37.379	13.8	0.119	1444.7	345
13	1	375	-2.016	-2.024	0.17	-0.11	34.706	27.948	30.348	32.721	37.387	12.7	0.123	1445.4	370
13	1	400	-1.986	-1.995	0.22	-0.08	34.723	27.961	30.361	32.733	37.398	11.4	0.126	1445.9	395
13	1	425	-1.966	-1.976	0.26	-0.06	34.732	27.968	30.367	32.739	37.403	10.6	0.129	1446.4	420
13	1	450	-1.959	-1.969	0.29	-0.05	34.740	27.974	30.373	32.745	37.409	9.9	0.131	1446.9	444
13	1	475	-1.954	-1.965	0.31	-0.05	34.749	27.982	30.380	32.752	37.416	9.1	0.133	1447.3	469
13	1	500	-1.942	-1.954	0.34	-0.03	34.759	27.989	30.388	32.760	37.423	8.2	0.136	1447.8	494
13	1	550	-1.929	-1.942	0.39	-0.02	34.776	28.003	30.401	32.773	37.435	6.7	0.139	1448.7	543
13	1	600	-1.914	-1.929	0.45	0.00	34.786	28.011	30.409	32.780	37.442	5.7	0.142	1449.6	592
13	1	643	-1.894	-1.910	0.50	0.02	34.797	28.019	30.417	32.788	37.449	4.7	0.145	1450.5	635

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.972	178.945	647	8	996	150	12	-4.	1160	2201	23	JAN	1984	PS	84	2	13

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
13	2	0	-1.484	-1.484	0.40	0.40	34.337	27.633	30.026	32.392	37.045	44.8	0.000	1441.3	0
13	2	10	-1.488	-1.488	0.40	0.40	34.337	27.633	30.026	32.393	37.045	44.8	0.004	1441.5	9
13	2	20	-1.490	-1.490	0.41	0.39	34.337	27.633	30.026	32.393	37.045	44.7	0.009	1441.6	19
13	2	30	-1.493	-1.494	0.41	0.39	34.337	27.633	30.026	32.393	37.045	44.6	0.013	1441.8	29
13	2	40	-1.490	-1.491	0.43	0.39	34.339	27.635	30.028	32.394	37.047	44.4	0.018	1441.9	39
13	2	50	-1.488	-1.489	0.43	0.40	34.340	27.635	30.029	32.395	37.047	44.3	0.022	1442.1	49
13	2	60	-1.487	-1.488	0.44	0.40	34.341	27.636	30.029	32.396	37.048	44.2	0.027	1442.3	59
13	2	70	-1.489	-1.491	0.45	0.39	34.339	27.635	30.028	32.394	37.047	44.3	0.031	1442.4	69
13	2	80	-1.489	-1.491	0.46	0.39	34.339	27.635	30.028	32.394	37.047	44.2	0.036	1442.6	79
13	2	90	-1.491	-1.493	0.46	0.39	34.341	27.636	30.030	32.396	37.049	44.0	0.040	1442.7	89
13	2	100	-1.497	-1.499	0.46	0.39	34.343	27.638	30.032	32.398	37.051	43.8	0.044	1442.9	98
13	2	125	-1.508	-1.511	0.47	0.38	34.346	27.641	30.035	32.401	37.054	43.4	0.055	1443.2	123
13	2	150	-1.537	-1.540	0.46	0.35	34.351	27.646	30.040	32.407	37.061	42.8	0.066	1443.5	148
13	2	175	-1.583	-1.587	0.44	0.30	34.409	27.694	30.089	32.456	37.111	38.1	0.076	1443.8	173
13	2	200	-1.636	-1.641	0.41	0.26	34.446	27.726	30.121	32.490	37.146	34.9	0.085	1444.0	197
13	2	225	-1.919	-1.924	0.14	-0.03	34.493	27.772	30.172	32.544	37.208	30.2	0.093	1443.1	222
13	2	250	-1.870	-1.875	0.21	0.03	34.546	27.814	30.212	32.584	37.246	26.2	0.100	1443.8	247
13	2	275	-2.117	-2.122	-0.01	-0.22	34.577	27.845	30.248	32.623	37.293	22.9	0.107	1443.1	271
13	2	300	-2.140	-2.146	-0.01	-0.24	34.650	27.905	30.308	32.683	37.353	17.1	0.112	1443.5	296
13	2	325	-2.159	-2.165	-0.01	-0.26	34.665	27.918	30.321	32.696	37.366	15.7	0.116	1443.8	321
13	2	350	-2.060	-2.067	0.11	-0.16	34.687	27.934	30.334	32.708	37.376	14.2	0.119	1444.7	345
13	2	375	-2.013	-2.021	0.18	-0.11	34.710	27.951	30.351	32.724	37.390	12.4	0.123	1445.4	370
13	2	400	-1.981	-1.990	0.23	-0.08	34.723	27.961	30.360	32.733	37.397	11.4	0.126	1446.0	395
13	2	425	-1.968	-1.978	0.26	-0.06	34.729	27.966	30.365	32.737	37.401	10.8	0.129	1446.4	420
13	2	450	-1.960	-1.970	0.29	-0.05	34.740	27.974	30.373	32.746	37.409	9.9	0.131	1446.9	444
13	2	475	-1.954	-1.965	0.31	-0.05	34.749	27.982	30.380	32.752	37.416	9.1	0.133	1447.3	469
13	2	500	-1.942	-1.954	0.34	-0.03	34.758	27.989	30.387	32.759	37.422	8.3	0.136	1447.8	494
13	2	550	-1.928	-1.941	0.40	-0.02	34.776	28.003	30.401	32.773	37.435	6.7	0.139	1448.7	543
13	2	600	-1.911	-1.926	0.45	0.00	34.787	28.011	30.410	32.781	37.443	5.6	0.142	1449.7	592
13	2	643	-1.893	-1.909	0.50	0.02	34.796	28.018	30.416	32.787	37.448	4.8	0.145	1450.5	635

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.995	179.945	694	3	995	110	5	-3.	390	0001	24	JAN	1984	PS	84	1	14

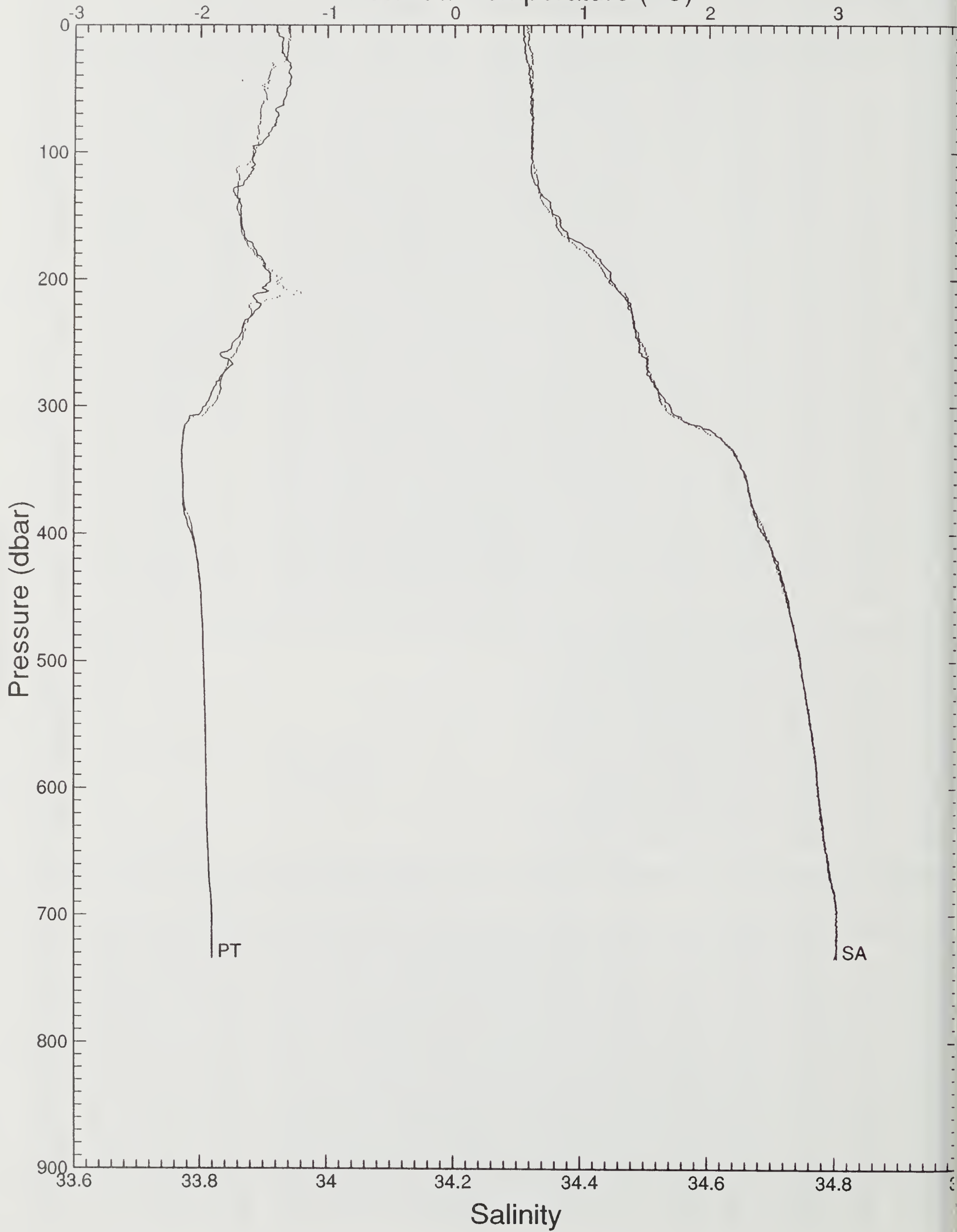
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
14	1	0	-1.319	-1.319	0.56	0.56	34.334	27.625	30.016	32.379	37.027	45.6	0.000	1442.1	0
14	1	10	-1.307	-1.307	0.58	0.58	34.329	27.621	30.011	32.375	37.021	45.9	0.005	1442.3	9
14	1	20	-1.325	-1.325	0.57	0.56	34.331	27.623	30.014	32.377	37.025	45.7	0.009	1442.4	19
14	1	30	-1.322	-1.323	0.58	0.56	34.330	27.622	30.013	32.376	37.024	45.7	0.014	1442.6	29
14	1	40	-1.352	-1.353	0.56	0.53	34.331	27.624	30.015	32.379	37.027	45.5	0.018	1442.6	39
14	1	50	-1.372	-1.373	0.55	0.51	34.333	27.626	30.017	32.382	37.031	45.2	0.023	1442.6	49
14	1	60	-1.460	-1.461	0.47	0.42	34.332	27.628	30.021	32.387	37.038	45.0	0.027	1442.4	59
14	1	70	-1.785	-1.786	0.15	0.10	34.332	27.638	30.036	32.407	37.068	43.9	0.032	1441.0	69
14	1	80	-1.844	-1.846	0.10	0.04	34.335	27.642	30.040	32.412	37.076	43.5	0.036	1440.9	79
14	1	90	-1.850	-1.852	0.10	0.03	34.337	27.643	30.042	32.414	37.078	43.3	0.041	1441.0	89
14	1	100	-1.915	-1.917	0.05	-0.03	34.337	27.645	30.045	32.418	37.084	43.0	0.045	1440.9	98
14	1	125	-1.972	-1.974	0.01	-0.09	34.342	27.650	30.051	32.425	37.093	42.3	0.056	1441.0	123
14	1	150	-1.812	-1.815	0.19	0.08	34.392	27.687	30.085	32.456	37.118	38.8	0.066	1442.2	148
14	1	175	-1.563	-1.567	0.46	0.33	34.445	27.723	30.117	32.484	37.138	35.4	0.075	1443.9	173
14	1	200	-1.694	-1.698	0.35	0.20	34.485	27.760	30.155	32.524	37.182	31.7	0.083	1443.7	197
14	1	225	-1.810	-1.815	0.25	0.08	34.498	27.773	30.171	32.542	37.203	30.2	0.091	1443.6	222
14	1	250	-1.997	-2.002	0.09	-0.10	34.517	27.794	30.194	32.568	37.234	28.0	0.098	1443.1	247
14	1	275	-2.106	-2.111	0.00	-0.21	34.556	27.828	30.230	32.605	37.275	24.5	0.105	1443.1	271
14	1	300	-2.124	-2.130	0.00	-0.23	34.595	27.860	30.262	32.638	37.308	21.3	0.111	1443.5	296
14	1	325	-2.139	-2.145	0.01	-0.24	34.642	27.899	30.301	32.676	37.346	17.5	0.115	1443.9	321
14	1	350	-2.155	-2.162	0.01	-0.25	34.664	27.917	30.320	32.695	37.365	15.6	0.120	1444.2	345
14	1	375	-2.085	-2.093	0.10	-0.18	34.684	27.932	30.333	32.707	37.375	14.2	0.123	1445.0	370
14	1	400	-2.025	-2.034	0.18	-0.12	34.704	27.947	30.347	32.720	37.386	12.7	0.127	1445.7	395
14	1	425	-1.992	-2.001	0.23	-0.09	34.719	27.958	30.358	32.730	37.395	11.5	0.130	1446.3	420
14	1	450	-1.974	-1.984	0.27	-0.07	34.731	27.967	30.367	32.739	37.403	10.5	0.132	1446.8	444
14	1	475	-1.962	-1.973	0.30	-0.06	34.742	27.976	30.375	32.747	37.411	9.6	0.135	1447.3	469
14	1	500	-1.951	-1.963	0.33	-0.04	34.753	27.985	30.384	32.756	37.419	8.6	0.137	1447.8	494
14	1	550	-1.933	-1.946	0.39	-0.02	34.769	27.997	30.396	32.767	37.430	7.2	0.141	1448.7	543
14	1	600	-1.923	-1.938	0.44	-0.01	34.781	28.007	30.405	32.777	37.439	6.0	0.144	1449.6	592
14	1	650	-1.905	-1.921	0.49	0.01	34.793	28.016	30.414	32.785	37.447	4.9	0.147	1450.5	642
14	1	696	-1.887	-1.905	0.55	0.02	34.800	28.021	30.419	32.790	37.451	4.2	0.149	1451.4	687

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
14	2	5	-1.328	-1.328	34.339	27.629	6.44										12	5
14		52	-1.395	-1.396	34.336	27.629	7.79									1.73	11	52
14		128	-1.813	-1.816	34.356	27.658	6.71										10	126
14		178	-1.659	-1.663	34.464	27.741	6.34										9	176
14		206	-1.736	-1.740	34.489	27.764	6.39										8	204
14		310	-2.130	-2.136	34.602	27.866	6.46										7	306
14		358	-2.156	-2.163	34.666	27.919	6.51				472	430			2.05	0.98	5	354
14		361	-2.149	-2.156	34.667	27.919	6.49						2224				6	357
14		412	-2.010	-2.019	34.706	27.948					452	414					4	408
14		516	-1.943	-1.955	34.757	27.988	6.44										3	510
14		610	-1.920	-1.935	34.779	28.005	6.48										2	602
14		696	-1.887	-1.905	34.798	28.020	6.46								2.60	1.26	1	687

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.987	179.930	694	3	995	110	5	-3.	1480	0059	24	JAN	1984	PS	84	2	14

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
14	2	0	-1.328	-1.328	0.56	0.56	34.341	27.631	30.022	32.386	37.033	45.0	0.000	1442.1	0
14	2	10	-1.318	-1.318	0.57	0.57	34.340	27.630	30.020	32.384	37.031	45.0	0.005	1442.3	9
14	2	20	-1.329	-1.329	0.57	0.55	34.339	27.629	30.020	32.384	37.032	45.0	0.009	1442.4	19
14	2	30	-1.339	-1.340	0.57	0.55	34.341	27.631	30.022	32.386	37.034	44.8	0.014	1442.5	29
14	2	40	-1.362	-1.363	0.55	0.52	34.338	27.630	30.021	32.385	37.034	44.9	0.018	1442.5	39
14	2	50	-1.396	-1.397	0.53	0.49	34.339	27.632	30.023	32.388	37.038	44.7	0.023	1442.5	49
14	2	60	-1.372	-1.373	0.56	0.51	34.339	27.631	30.022	32.387	37.036	44.7	0.027	1442.8	59
14	2	70	-1.704	-1.705	0.23	0.18	34.340	27.642	30.038	32.408	37.067	43.6	0.031	1441.4	69
14	2	80	-1.688	-1.690	0.26	0.20	34.345	27.645	30.042	32.411	37.070	43.2	0.036	1441.6	79
14	2	90	-1.701	-1.703	0.25	0.18	34.348	27.648	30.045	32.414	37.073	42.8	0.040	1441.7	89
14	2	100	-1.706	-1.708	0.25	0.18	34.350	27.650	30.047	32.416	37.075	42.6	0.044	1441.9	98
14	2	125	-1.777	-1.780	0.20	0.11	34.359	27.659	30.057	32.428	37.089	41.6	0.055	1442.0	123
14	2	150	-1.579	-1.582	0.42	0.31	34.403	27.689	30.084	32.451	37.106	38.7	0.065	1443.4	148
14	2	175	-1.658	-1.662	0.37	0.23	34.458	27.737	30.132	32.500	37.157	34.1	0.074	1443.5	173
14	2	200	-1.700	-1.704	0.34	0.19	34.483	27.758	30.154	32.523	37.181	31.9	0.082	1443.7	197
14	2	225	-1.799	-1.804	0.27	0.10	34.512	27.784	30.182	32.552	37.213	29.2	0.090	1443.7	222
14	2	250	-1.821	-1.826	0.26	0.08	34.538	27.806	30.204	32.575	37.236	27.0	0.097	1444.0	247

Potential Temperature (°C)



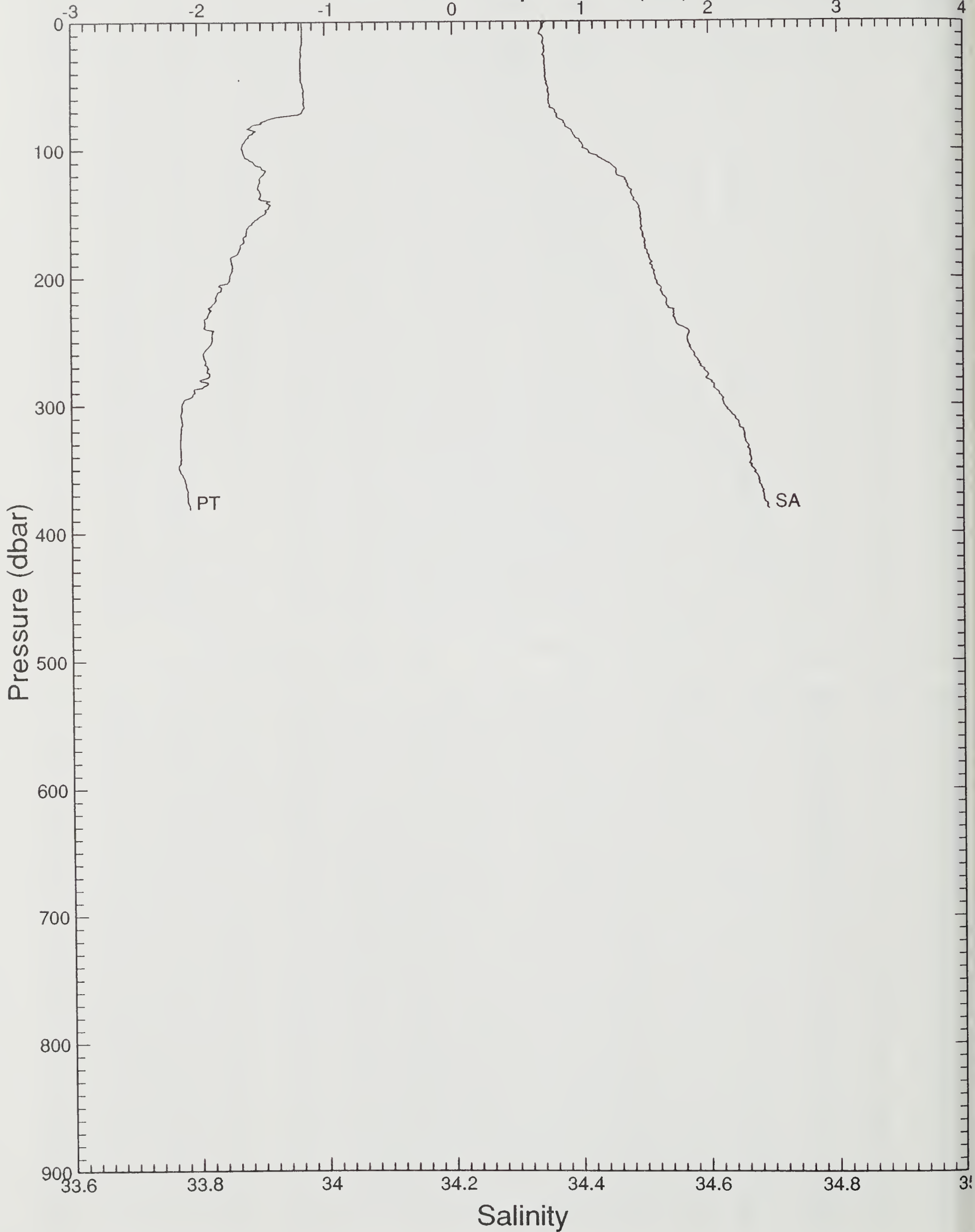
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.040	-179.228	737	8	995	110	5	-2.	450	0236	24	JAN	1984	PS	84	1	15

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
15	1	0	-1.400	-1.400	0.48	0.48	34.308	27.607	29.999	32.364	37.014	47.3	0.000	1441.7	0
15	1	10	-1.348	-1.348	0.54	0.53	34.308	27.605	29.996	32.360	37.009	47.4	0.005	1442.1	9
15	1	20	-1.361	-1.361	0.54	0.52	34.311	27.608	29.999	32.364	37.012	47.1	0.009	1442.2	19
15	1	30	-1.292	-1.293	0.61	0.59	34.315	27.609	29.999	32.362	37.009	47.0	0.014	1442.7	29
15	1	40	-1.289	-1.290	0.62	0.59	34.319	27.612	30.002	32.365	37.012	46.6	0.019	1442.9	39
15	1	50	-1.320	-1.321	0.60	0.56	34.321	27.615	30.005	32.369	37.016	46.3	0.024	1442.9	49
15	1	60	-1.349	-1.350	0.58	0.53	34.319	27.614	30.005	32.369	37.018	46.3	0.028	1442.9	59
15	1	70	-1.387	-1.389	0.55	0.50	34.321	27.617	30.009	32.373	37.023	46.0	0.033	1442.9	69
15	1	80	-1.429	-1.431	0.51	0.45	34.322	27.619	30.011	32.377	37.028	45.7	0.037	1442.8	79
15	1	90	-1.494	-1.496	0.46	0.39	34.323	27.622	30.015	32.382	37.034	45.4	0.042	1442.7	89
15	1	100	-1.564	-1.566	0.40	0.32	34.321	27.622	30.017	32.384	37.039	45.3	0.046	1442.5	98
15	1	125	-1.655	-1.658	0.32	0.23	34.327	27.630	30.026	32.395	37.053	44.4	0.058	1442.5	123
15	1	150	-1.675	-1.678	0.32	0.21	34.364	27.661	30.057	32.426	37.084	41.3	0.068	1442.9	148
15	1	175	-1.568	-1.572	0.45	0.32	34.411	27.696	30.090	32.457	37.111	38.0	0.078	1443.8	173
15	1	200	-1.439	-1.444	0.60	0.45	34.447	27.721	30.113	32.478	37.128	35.5	0.087	1444.9	197
15	1	225	-1.565	-1.570	0.50	0.33	34.481	27.752	30.146	32.513	37.167	32.3	0.096	1444.8	222
15	1	250	-1.733	-1.739	0.35	0.16	34.491	27.766	30.162	32.532	37.190	30.9	0.104	1444.4	247
15	1	275	-1.814	-1.820	0.29	0.08	34.505	27.779	30.177	32.548	37.209	29.4	0.111	1444.4	271
15	1	300	-1.949	-1.955	0.17	-0.05	34.542	27.813	30.213	32.585	37.250	25.9	0.118	1444.2	296
15	1	325	-2.126	-2.132	0.02	-0.22	34.621	27.881	30.284	32.659	37.329	19.2	0.124	1443.9	321
15	1	350	-2.129	-2.136	0.04	-0.23	34.656	27.910	30.312	32.687	37.357	16.3	0.128	1444.3	345
15	1	375	-2.123	-2.131	0.06	-0.22	34.668	27.920	30.322	32.697	37.366	15.3	0.132	1444.8	370
15	1	400	-2.054	-2.063	0.15	-0.15	34.687	27.933	30.334	32.708	37.375	13.9	0.136	1445.6	395
15	1	425	-1.998	-2.007	0.23	-0.09	34.711	27.952	30.351	32.724	37.389	12.1	0.139	1446.3	419
15	1	450	-1.975	-1.985	0.27	-0.07	34.726	27.963	30.363	32.735	37.399	10.9	0.142	1446.8	444
15	1	475	-1.960	-1.971	0.31	-0.05	34.736	27.971	30.370	32.742	37.406	10.0	0.145	1447.3	469
15	1	500	-1.955	-1.967	0.33	-0.05	34.746	27.979	30.378	32.750	37.414	9.1	0.147	1447.7	494
15	1	550	-1.939	-1.952	0.38	-0.03	34.761	27.991	30.390	32.761	37.424	7.8	0.151	1448.7	543
15	1	600	-1.928	-1.943	0.43	-0.02	34.773	28.000	30.399	32.770	37.433	6.6	0.155	1449.6	592
15	1	650	-1.912	-1.928	0.49	0.00	34.787	28.011	30.410	32.781	37.443	5.4	0.158	1450.5	642
15	1	700	-1.882	-1.900	0.56	0.03	34.803	28.024	30.421	32.792	37.453	4.0	0.160	1451.5	691
15	1	734	-1.881	-1.900	0.58	0.03	34.803	28.024	30.421	32.792	37.453	3.8	0.162	1452.0	724

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.035	-179.260	737	8	995	100	5	-2.	460	0306	24	JAN	1984	PS	84	2	15

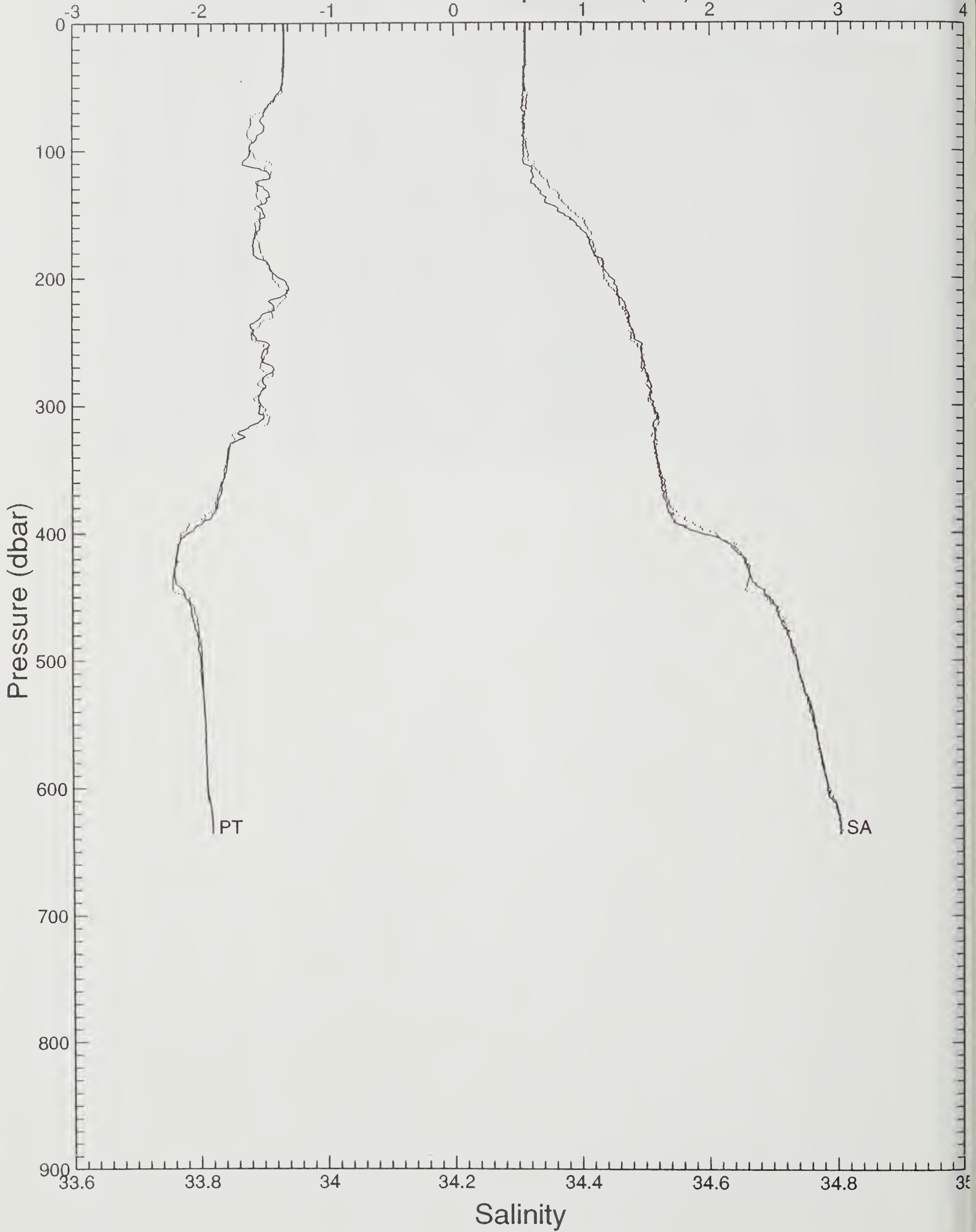
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
15	2	0	-1.305	-1.305	0.58	0.58	34.314	27.608	29.999	32.362	37.009	47.1	0.000	1442.1	0
15	2	10	-1.296	-1.296	0.59	0.59	34.316	27.610	30.000	32.363	37.010	47.0	0.005	1442.3	9
15	2	20	-1.314	-1.314	0.58	0.57	34.319	27.613	30.003	32.367	37.014	46.6	0.009	1442.4	19
15	2	30	-1.436	-1.437	0.47	0.45	34.322	27.619	30.012	32.377	37.028	46.0	0.014	1442.0	29
15	2	40	-1.459	-1.460	0.45	0.42	34.323	27.621	30.014	32.379	37.031	45.8	0.019	1442.1	39
15	2	50	-1.475	-1.476	0.45	0.41	34.324	27.622	30.015	32.381	37.033	45.6	0.023	1442.1	49
15	2	60	-1.503	-1.504	0.43	0.38	34.323	27.622	30.016	32.382	37.035	45.5	0.028	1442.2	59
15	2	70	-1.526	-1.528	0.41	0.36	34.323	27.623	30.017	32.384	37.037	45.4	0.032	1442.2	69
15	2	80	-1.544	-1.546	0.40	0.34	34.323	27.623	30.018	32.385	37.039	45.3	0.037	1442.3	79
15	2	90	-1.546	-1.548	0.41	0.34	34.321	27.622	30.016	32.383	37.038	45.4	0.041	1442.4	89
15	2	100	-1.584	-1.586	0.38	0.30	34.322	27.624	30.019	32.387	37.042	45.1	0.046	1442.4	98
15	2	125	-1.702	-1.705	0.28	0.18	34.331	27.634	30.031	32.401	37.060	43.9	0.057	1442.3	123
15	2	150	-1.688	-1.691	0.31	0.20	34.355	27.654	30.050	32.419	37.078	42.0	0.068	1442.8	148
15	2	175	-1.611	-1.615	0.41	0.28	34.393	27.682	30.077	32.445	37.101	39.2	0.078	1443.6	173
15	2	200	-1.359	-1.364	0.68	0.53	34.445	27.717	30.107	32.471	37.119	36.0	0.087	1445.3	197
15	2	225	-1.586	-1.591	0.48	0.31	34.479	27.751	30.146	32.513	37.167	32.4	0.096	1444.7	222
15	2	250	-1.675	-1.681	0.41	0.22	34.497	27.769	30.164	32.533	37.190	30.6	0.104	1444.7	247
15	2	275	-1.809	-1.815	0.29	0.09	34.510	27.783	30.181	32.551	37.212	29.0	0.111	1444.5	271
15	2	300	-1.891	-1.897	0.23	0.01	34.533	27.804	30.203	32.575	37.238	26.8	0.118	1444.5	296
15	2	325	-2.124	-2.130	0.02	-0.22	34.622	27.882	30.284	32.659	37.329	19.1	0.124	1443.9	321
15	2	350	-2.127	-2.134	0.04	-0.22	34.657	27.911	30.313	32.688	37.357	16.2	0.128	1444.3	345
15	2	375	-2.115	-2.123	0.07	-0.21	34.669	27.920	30.322	32.697	37.366	15.2	0.132	1444.8	370
15	2	400	-2.041	-2.050	0.17	-0.14	34.691	27.936	30.337	32.711	37.377	13.6	0.136	1445.6	395
15	2	425	-2.003	-2.012	0.22	-0.10	34.708	27.949	30.349	32.722	37.387	12.3	0.139	1446.2	419
15	2	450	-1.977	-1.987	0.27	-0.07	34.723	27.961	30.360	32.733	37.397	11.1	0.142	1446.8	444
15	2	475	-1.962	-1.973	0.30	-0.06	34.736	27.971	30.370	32.742	37.406	10.0	0.145	1447.3	469
15	2	500	-1.952	-1.964	0.33	-0.04	34.746	27.979	30.378	32.750	37.413	9.2	0.147	1447.8	494
15	2	550	-1.938	-1.951	0.39	-0.03	34.762	27.992	30.390	32.762	37.425	7.7	0.151	1448.7	543
15	2	600	-1.928	-1.943	0.43	-0.02	34.773	28.000	30.399	32.770	37.433	6.6	0.155	1449.6	592
15	2	650	-1.913	-1.929	0.49	0.00	34.786	28.011	30.409	32.780	37.442	5.4	0.158	1450.5	642

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.925	-178.422	735		995	110	8	1.		0514	24	JAN	1984	PS	84	1	16

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
16	1	0	-1.178	-1.178	0.71	0.71	34.346	27.630	30.018	32.380	37.023	45.1	0.000	1442.8	0
16	1	10	-1.175	-1.175	0.72	0.71	34.336	27.622	30.010	32.371	37.014	45.8	0.005	1442.9	9
16	1	20	-1.184	-1.184	0.72	0.70	34.344	27.629	30.017	32.379	37.022	45.1	0.009	1443.1	19
16	1	30	-1.187	-1.188	0.72	0.70	34.345	27.629	30.018	32.380	37.023	45.0	0.014	1443.2	29
16	1	40	-1.186	-1.187	0.73	0.70	34.346	27.630	30.019	32.380	37.023	44.9	0.018	1443.4	39
16	1	50	-1.171	-1.172	0.75	0.71	34.349	27.632	30.020	32.382	37.024	44.7	0.023	1443.6	49
16	1	60	-1.158	-1.160	0.77	0.73	34.351	27.633	30.021	32.382	37.025	44.5	0.027	1443.8	59
16	1	70	-1.175	-1.177	0.76	0.71	34.361	27.642	30.030	32.392	37.034	43.7	0.031	1443.9	69
16	1	80	-1.554	-1.556	0.39	0.33	34.377	27.668	30.062	32.429	37.083	41.1	0.036	1442.3	79
16	1	90	-1.592	-1.594	0.36	0.29	34.392	27.681	30.076	32.443	37.098	39.8	0.040	1442.3	89
16	1	100	-1.642	-1.644	0.32	0.25	34.410	27.697	30.092	32.461	37.117	38.2	0.044	1442.3	98
16	1	125	-1.505	-1.508	0.48	0.39	34.473	27.744	30.137	32.503	37.155	33.7	0.053	1443.4	123
16	1	150	-1.462	-1.466	0.54	0.43	34.494	27.760	30.152	32.517	37.168	32.1	0.061	1444.1	148
16	1	175	-1.657	-1.661	0.37	0.24	34.502	27.772	30.167	32.536	37.192	30.7	0.069	1443.5	173
16	1	200	-1.740	-1.744	0.30	0.16	34.517	27.787	30.183	32.553	37.212	29.1	0.076	1443.6	197
16	1	225	-1.886	-1.891	0.18	0.01	34.547	27.815	30.214	32.586	37.249	26.2	0.083	1443.3	222
16	1	250	-1.882	-1.887	0.20	0.02	34.568	27.832	30.231	32.602	37.265	24.5	0.089	1443.8	247
16	1	275	-1.896	-1.902	0.21	0.00	34.598	27.857	30.256	32.627	37.290	22.0	0.095	1444.2	271
16	1	300	-2.119	-2.125	0.01	-0.22	34.624	27.884	30.286	32.661	37.330	19.1	0.100	1443.5	296
16	1	325	-2.130	-2.136	0.02	-0.23	34.656	27.910	30.312	32.687	37.357	16.5	0.105	1443.9	321
16	1	350	-2.138	-2.145	0.03	-0.23	34.670	27.922	30.324	32.699	37.369	15.2	0.109	1444.3	345
16	1	375	-2.073	-2.081	0.11	-0.17	34.688	27.935	30.336	32.710	37.377	13.9	0.112	1445.1	370
16	1	381	-2.055	-2.063	0.14	-0.15	34.694	27.939	30.340	32.714	37.381	13.5	0.113	1445.2	376

Potential Temperature ($^{\circ}\text{C}$)

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.160	-177.640	635	3	995	90	3	0.	630	1210	24	JAN	1984	PS	84	1	18

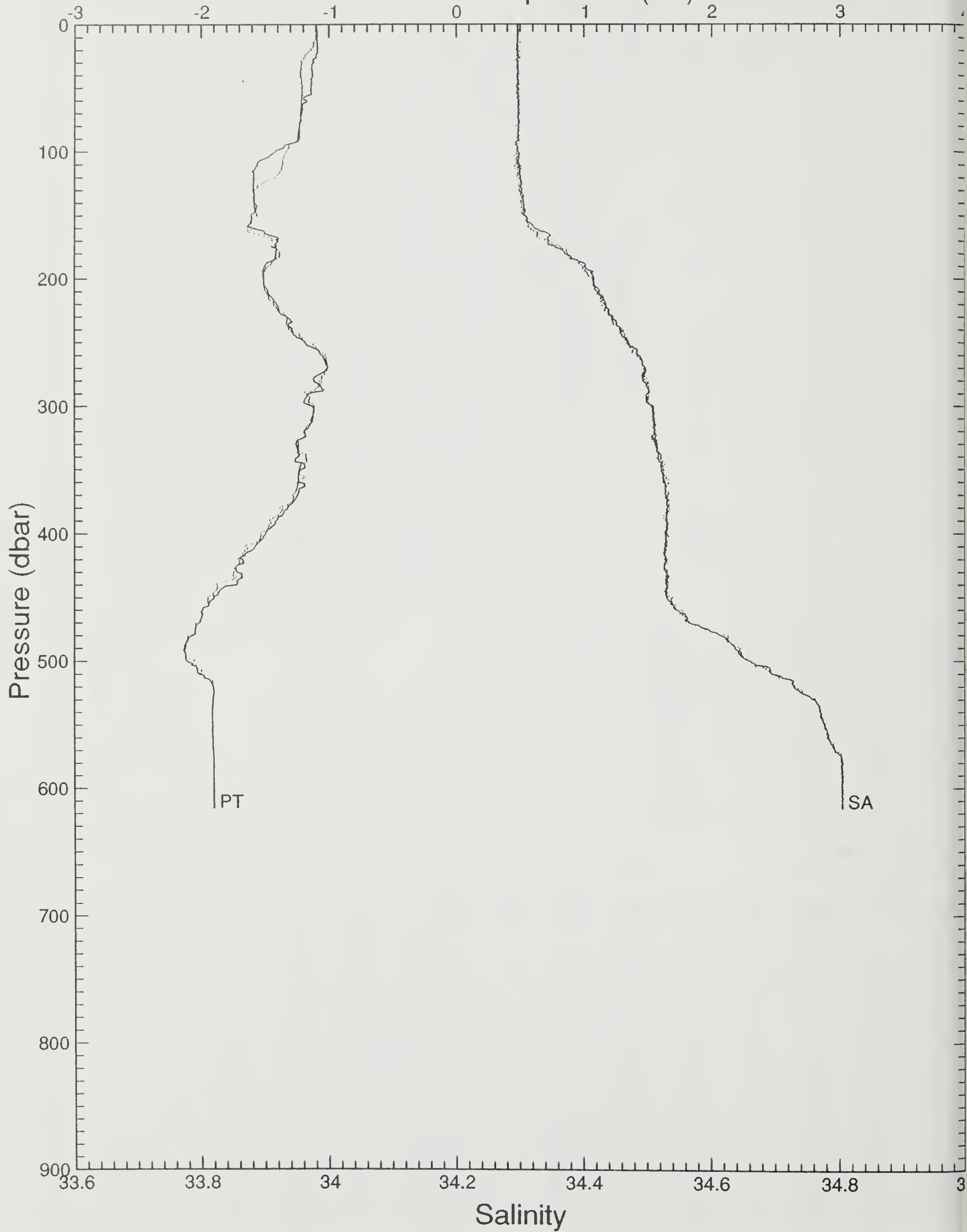
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
18	1	0	-1.327	-1.327	0.56	0.56	34.313	27.608	29.999	32.363	37.011	47.1	0.000	1442.0	0
18	1	10	-1.327	-1.327	0.56	0.56	34.313	27.608	29.999	32.363	37.011	47.1	0.005	1442.2	9
18	1	20	-1.327	-1.327	0.57	0.56	34.313	27.608	29.999	32.363	37.011	47.0	0.009	1442.3	19
18	1	30	-1.329	-1.330	0.58	0.55	34.314	27.609	30.000	32.364	37.012	46.9	0.014	1442.5	29
18	1	40	-1.336	-1.337	0.58	0.55	34.310	27.606	29.997	32.361	37.009	47.2	0.019	1442.6	39
18	1	50	-1.354	-1.355	0.57	0.53	34.310	27.607	29.998	32.362	37.011	47.0	0.024	1442.7	49
18	1	60	-1.413	-1.414	0.51	0.47	34.308	27.607	29.999	32.365	37.015	47.0	0.028	1442.6	59
18	1	70	-1.490	-1.492	0.45	0.39	34.311	27.612	30.005	32.372	37.025	46.4	0.033	1442.4	69
18	1	80	-1.484	-1.486	0.46	0.40	34.309	27.610	30.003	32.370	37.022	46.6	0.038	1442.6	79
18	1	90	-1.545	-1.547	0.41	0.34	34.311	27.614	30.008	32.375	37.030	46.2	0.042	1442.4	89
18	1	100	-1.597	-1.599	0.36	0.29	34.309	27.614	30.009	32.377	37.033	46.1	0.047	1442.4	98
18	1	125	-1.545	-1.548	0.43	0.34	34.322	27.623	30.017	32.384	37.039	45.1	0.058	1443.0	123
18	1	150	-1.477	-1.480	0.52	0.41	34.375	27.664	30.057	32.423	37.074	41.2	0.069	1443.8	148
18	1	175	-1.570	-1.574	0.45	0.32	34.416	27.700	30.094	32.461	37.116	37.6	0.079	1443.8	173
18	1	200	-1.351	-1.356	0.69	0.54	34.448	27.719	30.109	32.473	37.121	35.8	0.088	1445.3	197
18	1	225	-1.398	-1.404	0.66	0.49	34.471	27.739	30.130	32.495	37.143	33.7	0.097	1445.6	222
18	1	250	-1.470	-1.476	0.61	0.42	34.489	27.756	30.148	32.514	37.165	32.0	0.105	1445.6	247
18	1	275	-1.442	-1.449	0.66	0.45	34.501	27.765	30.157	32.522	37.172	31.0	0.113	1446.2	271
18	1	300	-1.516	-1.523	0.60	0.38	34.511	27.775	30.168	32.535	37.186	29.9	0.120	1446.3	296
18	1	325	-1.649	-1.657	0.49	0.24	34.515	27.783	30.178	32.546	37.202	28.9	0.128	1446.0	321
18	1	350	-1.775	-1.783	0.38	0.12	34.523	27.793	30.190	32.560	37.220	27.7	0.135	1445.9	345
18	1	375	-1.839	-1.848	0.34	0.06	34.533	27.803	30.201	32.572	37.234	26.6	0.142	1446.0	370
18	1	400	-2.083	-2.091	0.12	-0.19	34.585	27.851	30.253	32.628	37.296	21.6	0.148	1445.3	395
18	1	425	-2.178	-2.187	0.05	-0.27	34.660	27.914	30.317	32.693	37.364	15.4	0.152	1445.3	419
18	1	450	-2.101	-2.111	0.14	-0.20	34.693	27.940	30.341	32.716	37.384	12.9	0.156	1446.1	444
18	1	475	-2.020	-2.031	0.24	-0.11	34.717	27.957	30.357	32.730	37.396	11.3	0.159	1447.0	469
18	1	500	-1.976	-1.988	0.31	-0.07	34.737	27.972	30.372	32.744	37.408	9.7	0.161	1447.6	494
18	1	550	-1.939	-1.952	0.38	-0.03	34.764	27.993	30.392	32.764	37.427	7.5	0.166	1448.7	543
18	1	600	-1.923	-1.938	0.44	-0.01	34.785	28.010	30.408	32.780	37.442	5.7	0.169	1449.6	592
18	1	636	-1.882	-1.898	0.51	0.03	34.804	28.025	30.422	32.793	37.454	4.3	0.171	1450.4	628

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
18	1	4	-1.337	-1.337	34.311	27.607	8.34									2.27	12	3
18	1	103	-1.562	-1.564	34.318	27.620	7.34								3.52	1.69	11	102
18	1	154	-1.527	-1.531	34.403	27.688	6.99									1.52	10	152
18	1	204	-1.371	-1.376	34.443	27.715	6.34										9	202
18	1	255	-1.445	-1.451	34.489	27.755	6.29								2.60	1.10	8	252
18	1	305	-1.487	-1.495	34.517	27.779	6.31										7	302
18	1	357	-1.795	-1.803	34.528	27.797	6.53								2.79	1.26	6	352
18	1	433	-2.193	-2.202	34.664	27.918	6.60								2.38	1.09	5	428
18	1	509	-1.960	-1.972	34.741	27.975	6.44								2.34	1.15	4	503
18	1	562	-1.937	-1.951	34.768	27.997											3	556
18	1	591	-1.926	-1.940	34.782	28.008	6.51								2.44	1.34	2	584
18	1	636	-1.883	-1.899	34.805	28.025	6.47								2.29	1.15	1	629

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.155	-177.660	635	3	995	70	3	0.	800	1320	24	JAN	1984	PS	84	2	18

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
18	2	0	-1.337	-1.337	0.55	0.55	34.313	27.609	30.000	32.364	37.012	47.1	0.000	1442.0	0
18	2	10	-1.334	-1.334	0.56	0.55	34.311	27.607	29.998	32.362	37.010	47.2	0.005	1442.1	9
18	2	20	-1.334	-1.334	0.56	0.55	34.311	27.607	29.998	32.362	37.010	47.2	0.009	1442.3	19
18	2	30	-1.336	-1.337	0.57	0.55	34.311	27.607	29.998	32.362	37.010	47.1	0.014	1442.5	29
18	2	40	-1.339	-1.340	0.57	0.54	34.312	27.608	29.999	32.363	37.011	47.0	0.019	1442.6	39
18	2	50	-1.343	-1.344	0.58	0.54	34.312	27.608	29.999	32.363	37.011	46.9	0.024	1442.8	49
18	2	60	-1.401	-1.402	0.53	0.48	34.314	27.612	30.004	32.369	37.019	46.5	0.028	1442.6	59
18	2	70	-1.517	-1.519	0.42	0.37	34.312	27.614	30.007	32.374	37.028	46.3	0.033	1442.3	69
18	2	80	-1.591	-1.593	0.35	0.29	34.312	27.616	30.011	32.379	37.035	46.0	0.038	1442.1	79
18	2	90	-1.605	-1.607	0.35	0.28	34.311	27.615	30.011	32.379	37.035	46.0	0.042	1442.2	89
18	2	100	-1.588	-1.590	0.37	0.29	34.317	27.620	30.015	32.383	37.038	45.5	0.047	1442.4	98
18	2	125	-1.529	-1.532	0.45	0.36	34.348	27.643	30.037	32.404	37.058	43.2	0.058	1443.1	123
18	2	150	-1.512	-1.515	0.49	0.38	34.392	27.678	30.072	32.438	37.091	39.7	0.068	1443.7	148
18	2	175	-1.516	-1.520	0.50	0.37	34.420	27.701	30.095	32.461	37.114	37.4	0.078	1444.1	173
18	2	200	-1.412	-1.417	0.63	0.48	34.437	27.712	30.104	32.468	37.118	36.4	0.087	1445.0	197
18	2	225	-1.443	-1.449	0.62	0.45	34.466	27.736	30.129	32.494	37.144	33.9	0.096	1445.3	222
18	2	250	-1.547	-1.553	0.53	0.34	34.480	27.751	30.145	32.511	37.165	32.4	0.104	1445.3	247
18	2	275	-1.408	-1.415	0.69	0.49	34.504	27.766	30.158	32.522	37.171	30.9	0.112	1446.4	271

Potential Temperature (°C)

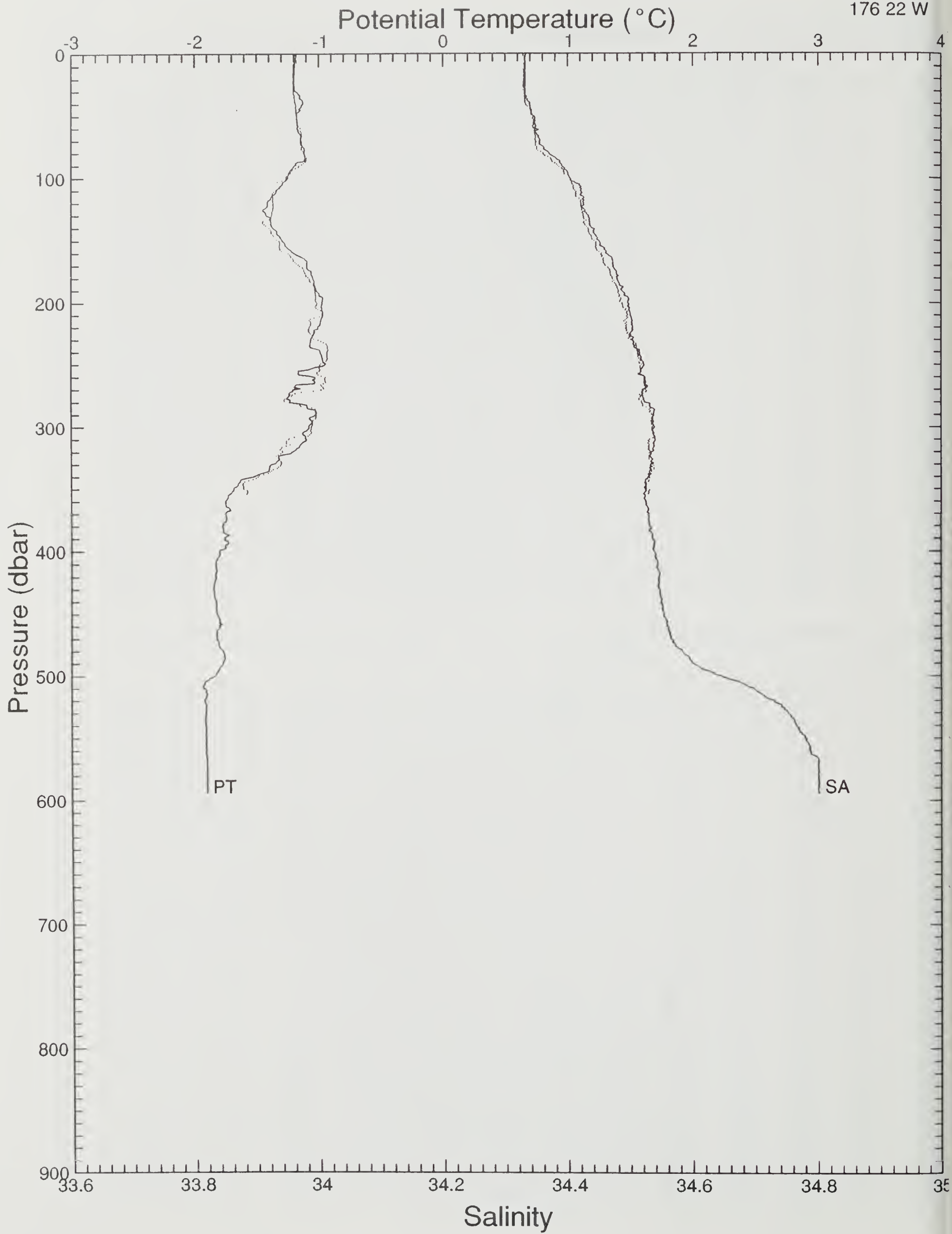


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.182	-176.982	615	3	995	80	4	0.	480	1427	24	JAN	1984	PS	84	1	19

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
19	1	0	-1.097	-1.097	0.78	0.78	34.299	27.589	29.976	32.337	36.977	49.0	0.000	1443.1	0
19	1	10	-1.091	-1.091	0.80	0.79	34.296	27.586	29.973	32.334	36.974	49.2	0.005	1443.3	9
19	1	20	-1.091	-1.092	0.81	0.79	34.294	27.585	29.972	32.332	36.973	49.3	0.010	1443.4	19
19	1	30	-1.117	-1.118	0.79	0.76	34.296	27.587	29.975	32.336	36.977	49.0	0.015	1443.5	29
19	1	40	-1.125	-1.126	0.79	0.76	34.297	27.588	29.976	32.337	36.979	48.9	0.020	1443.6	39
19	1	50	-1.138	-1.139	0.78	0.74	34.296	27.588	29.976	32.337	36.979	48.9	0.025	1443.7	49
19	1	60	-1.170	-1.171	0.76	0.71	34.297	27.590	29.978	32.340	36.983	48.6	0.029	1443.7	59
19	1	70	-1.210	-1.212	0.73	0.67	34.300	27.594	29.983	32.345	36.989	48.2	0.034	1443.7	69
19	1	80	-1.227	-1.229	0.71	0.65	34.297	27.592	29.981	32.344	36.989	48.3	0.039	1443.8	79
19	1	90	-1.226	-1.228	0.72	0.66	34.298	27.593	29.982	32.345	36.989	48.2	0.044	1443.9	89
19	1	100	-1.415	-1.417	0.54	0.47	34.297	27.598	29.991	32.356	37.006	47.6	0.049	1443.2	98
19	1	125	-1.584	-1.587	0.39	0.30	34.303	27.608	30.003	32.371	37.027	46.5	0.060	1442.8	123
19	1	150	-1.603	-1.606	0.39	0.28	34.310	27.615	30.010	32.378	37.034	45.7	0.072	1443.1	148
19	1	175	-1.426	-1.430	0.59	0.46	34.356	27.647	30.039	32.404	37.055	42.7	0.083	1444.4	173
19	1	200	-1.500	-1.505	0.54	0.39	34.417	27.698	30.092	32.458	37.110	37.6	0.093	1444.6	197
19	1	225	-1.380	-1.386	0.68	0.51	34.440	27.713	30.104	32.469	37.117	36.2	0.102	1445.6	222
19	1	250	-1.174	-1.181	0.91	0.72	34.471	27.731	30.119	32.480	37.122	34.5	0.111	1447.0	247
19	1	275	-1.067	-1.075	1.03	0.83	34.494	27.746	30.132	32.491	37.130	33.1	0.120	1448.0	271
19	1	300	-1.117	-1.125	1.00	0.78	34.511	27.762	30.149	32.509	37.148	31.5	0.128	1448.2	296
19	1	325	-1.187	-1.196	0.95	0.71	34.511	27.764	30.152	32.513	37.155	31.1	0.135	1448.2	321
19	1	350	-1.203	-1.213	0.95	0.69	34.523	27.775	30.163	32.524	37.166	30.0	0.143	1448.6	345
19	1	375	-1.259	-1.269	0.92	0.64	34.532	27.784	30.173	32.535	37.179	29.0	0.150	1448.7	370
19	1	400	-1.481	-1.491	0.72	0.41	34.532	27.791	30.184	32.549	37.200	27.9	0.158	1448.1	395
19	1	425	-1.708	-1.718	0.51	0.19	34.527	27.794	30.190	32.559	37.217	27.2	0.164	1447.4	419
19	1	450	-1.885	-1.895	0.35	0.01	34.531	27.802	30.201	32.573	37.236	26.1	0.171	1447.0	444
19	1	475	-2.035	-2.045	0.22	-0.14	34.596	27.859	30.260	32.634	37.301	20.4	0.177	1446.7	469
19	1	500	-2.095	-2.106	0.18	-0.19	34.663	27.915	30.317	32.691	37.360	14.9	0.181	1447.0	494
19	1	550	-1.894	-1.907	0.43	0.02	34.777	28.003	30.401	32.772	37.433	6.7	0.187	1448.9	543
19	1	600	-1.882	-1.897	0.48	0.03	34.805	28.025	30.423	32.794	37.454	4.4	0.190	1449.8	592
19	1	616	-1.882	-1.898	0.49	0.03	34.805	28.025	30.423	32.794	37.454	4.3	0.190	1450.1	608

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.178	-177.000	615	3	995	60	5	0.	510	1458	24	JAN	1984	PS	84	2	19

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
19	2	0	-1.098	-1.098	0.78	0.78	34.296	27.586	29.974	32.334	36.975	49.2	0.000	1443.1	0
19	2	10	-1.100	-1.100	0.79	0.78	34.296	27.587	29.974	32.334	36.975	49.2	0.005	1443.2	9
19	2	20	-1.140	-1.140	0.76	0.74	34.297	27.589	29.977	32.338	36.980	48.9	0.010	1443.2	19
19	2	30	-1.209	-1.210	0.70	0.67	34.296	27.590	29.980	32.342	36.986	48.7	0.015	1443.0	29
19	2	40	-1.219	-1.220	0.69	0.66	34.295	27.590	29.979	32.342	36.986	48.7	0.020	1443.2	39
19	2	50	-1.209	-1.210	0.71	0.67	34.298	27.592	29.981	32.343	36.988	48.5	0.024	1443.4	49
19	2	60	-1.212	-1.213	0.72	0.67	34.298	27.592	29.981	32.344	36.988	48.4	0.029	1443.5	59
19	2	70	-1.216	-1.218	0.72	0.67	34.297	27.592	29.981	32.343	36.988	48.4	0.034	1443.7	69
19	2	80	-1.222	-1.224	0.72	0.66	34.294	27.589	29.979	32.341	36.986	48.6	0.039	1443.8	79
19	2	90	-1.241	-1.243	0.71	0.64	34.298	27.593	29.983	32.345	36.991	48.2	0.044	1443.9	89
19	2	100	-1.326	-1.328	0.63	0.56	34.297	27.595	29.986	32.350	36.998	47.9	0.049	1443.6	98
19	2	125	-1.519	-1.522	0.46	0.36	34.299	27.603	29.997	32.364	37.018	47.0	0.061	1443.1	123
19	2	150	-1.557	-1.560	0.44	0.33	34.307	27.611	30.005	32.373	37.028	46.1	0.072	1443.4	148
19	2	175	-1.436	-1.440	0.58	0.45	34.365	27.654	30.047	32.412	37.063	41.9	0.083	1444.4	173
19	2	200	-1.504	-1.509	0.54	0.39	34.415	27.697	30.090	32.456	37.109	37.7	0.093	1444.6	197
19	2	225	-1.387	-1.393	0.67	0.50	34.434	27.709	30.100	32.464	37.113	36.6	0.102	1445.6	222
19	2	250	-1.157	-1.164	0.92	0.73	34.470	27.730	30.118	32.478	37.120	34.6	0.111	1447.1	247
19	2	275	-1.021	-1.029	1.08	0.87	34.496	27.746	30.131	32.490	37.127	33.1	0.120	1448.2	271
19	2	300	-1.102	-1.110	1.02	0.79	34.508	27.759	30.145	32.505	37.145	31.8	0.128	1448.2	296
19	2	325	-1.179	-1.188	0.96	0.71	34.513	27.766	30.153	32.514	37.156	31.0	0.136	1448.3	321
19	2	350	-1.219	-1.229	0.94	0.68	34.526	27.778	30.166	32.528	37.170	29.7	0.143	1448.5	345
19	2	375	-1.275	-1.285	0.90	0.62	34.532	27.785	30.174	32.536	37.181	28.9	0.151	1448.7	370
19	2	400	-1.525	-1.535	0.67	0.37	34.529	27.790	30.184	32.550	37.202	28.0	0.158	1447.9	395
19	2	425	-1.708	-1.718	0.51	0.19	34.528	27.795	30.191	32.560	37.218	27.2	0.165	1447.4	419
19	2	450	-1.934	-1.944	0.30	-0.04	34.540	27.811	30.210	32.583	37.248	25.2	0.171	1446.7	444
19	2	475	-2.031	-2.041	0.23	-0.13	34.592	27.856	30.257	32.630	37.298	20.8	0.177	1446.8	469
19	2	500	-2.040	-2.051	0.24	-0.14	34.661	27.912	30.313	32.686	37.353	15.3	0.181	1447.2	494
19	2	550	-1.893	-1.906	0.43	0.02	34.778	28.004	30.401	32.772	37.434	6.7	0.187	1448.9	543
19	2	600	-1.881	-1.896	0.48	0.03	34.805	28.025	30.423	32.794	37.454	4.4	0.190	1449.8	592
19	2	616	-1.882	-1.898	0.49	0.03	34.805	28.025	30.423	32.794	37.454	4.3	0.190	1450.1	608



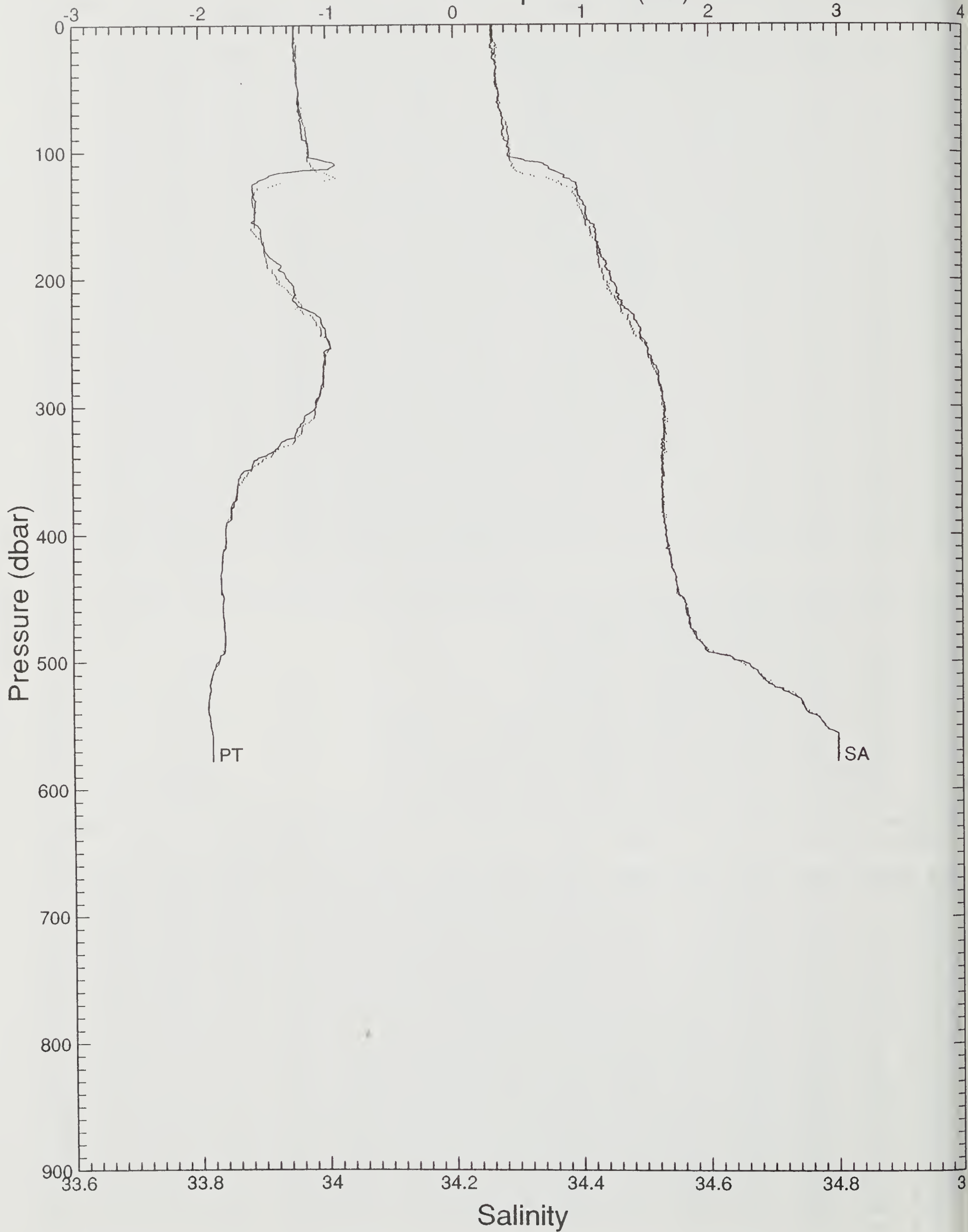
LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-78.125 -176.367 593 3 996 50 4 2. 4700 1615 24 JAN 1984 PS 84 1 20

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
20	1	0	-1.193	-1.193	0.69	0.69	34.333	27.620	30.009	32.370	37.014	46.0	0.000	1442.7	0
20	1	10	-1.193	-1.193	0.70	0.69	34.332	27.619	30.008	32.369	37.013	46.1	0.005	1442.8	9
20	1	20	-1.197	-1.197	0.70	0.69	34.332	27.619	30.008	32.370	37.013	46.0	0.009	1443.0	19
20	1	30	-1.180	-1.181	0.73	0.70	34.332	27.619	30.007	32.369	37.012	46.0	0.014	1443.2	29
20	1	40	-1.124	-1.125	0.79	0.76	34.339	27.622	30.010	32.371	37.012	45.7	0.018	1443.7	39
20	1	50	-1.173	-1.174	0.75	0.71	34.347	27.631	30.019	32.380	37.023	44.8	0.023	1443.6	49
20	1	60	-1.171	-1.173	0.76	0.71	34.349	27.632	30.020	32.382	37.024	44.6	0.027	1443.8	59
20	1	70	-1.142	-1.144	0.80	0.74	34.356	27.637	30.025	32.385	37.027	44.2	0.032	1444.1	69
20	1	80	-1.112	-1.114	0.83	0.77	34.371	27.648	30.035	32.395	37.036	43.1	0.036	1444.4	79
20	1	90	-1.196	-1.198	0.76	0.69	34.391	27.667	30.056	32.417	37.060	41.2	0.040	1444.2	89
20	1	100	-1.248	-1.250	0.72	0.64	34.405	27.680	30.070	32.432	37.076	39.9	0.045	1444.1	98
20	1	125	-1.444	-1.447	0.54	0.45	34.427	27.705	30.097	32.462	37.113	37.4	0.054	1443.6	123
20	1	150	-1.287	-1.291	0.72	0.60	34.451	27.719	30.109	32.471	37.117	36.0	0.063	1444.8	148
20	1	175	-1.055	-1.060	0.97	0.84	34.479	27.733	30.119	32.478	37.117	34.7	0.072	1446.4	173
20	1	200	-0.966	-0.972	1.08	0.93	34.497	27.745	30.129	32.487	37.122	33.6	0.081	1447.2	197
20	1	225	-1.034	-1.040	1.03	0.86	34.500	27.750	30.135	32.494	37.131	33.0	0.089	1447.3	222
20	1	250	-0.941	-0.948	1.14	0.95	34.523	27.765	30.149	32.506	37.140	31.5	0.097	1448.2	247
20	1	275	-1.234	-1.241	0.87	0.66	34.521	27.774	30.163	32.524	37.168	30.3	0.105	1447.2	271
20	1	300	-1.069	-1.078	1.05	0.83	34.540	27.784	30.169	32.529	37.167	29.5	0.112	1448.4	296
20	1	325	-1.308	-1.317	0.83	0.59	34.535	27.788	30.178	32.541	37.186	28.7	0.120	1447.7	321
20	1	350	-1.675	-1.683	0.48	0.22	34.525	27.792	30.187	32.556	37.212	27.9	0.127	1446.3	345
20	1	375	-1.734	-1.743	0.44	0.16	34.530	27.797	30.194	32.563	37.222	27.2	0.133	1446.5	370
20	1	400	-1.793	-1.802	0.40	0.10	34.539	27.806	30.204	32.574	37.234	26.1	0.140	1446.6	395
20	1	425	-1.832	-1.842	0.38	0.06	34.547	27.814	30.212	32.583	37.244	25.2	0.147	1446.8	419
20	1	450	-1.810	-1.821	0.43	0.09	34.555	27.820	30.217	32.588	37.249	24.6	0.153	1447.4	444
20	1	475	-1.793	-1.804	0.46	0.10	34.573	27.834	30.231	32.601	37.261	23.1	0.159	1447.9	469
20	1	500	-1.832	-1.844	0.45	0.07	34.646	27.895	30.292	32.663	37.323	17.3	0.164	1448.2	494
20	1	550	-1.895	-1.908	0.43	0.02	34.780	28.005	30.403	32.774	37.436	6.5	0.170	1448.9	543
20	1	594	-1.887	-1.902	0.47	0.02	34.802	28.023	30.421	32.791	37.452	4.6	0.172	1449.7	586

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
20		4	-1.185	-1.185	34.331	27.618	8.77	19.2	1.44	65.6						2.29	12	4
20		77	-1.135	-1.137	34.352	27.633	8.64										11	76
20		135	-1.447	-1.450	34.427	27.705	6.65	27.7		72.4					2.83	1.39	10	134
20		159	-1.259	-1.263	34.449	27.716	6.27										9	157
20		204	-1.013	-1.019	34.488	27.739	6.07										8	202
20		256	-1.006	-1.013	34.514	27.760	5.93								2.02	1.04	7	253
20		305	-1.052	-1.061	34.536	27.780	6.00	30.6		80.8							6	302
20		355	-1.569	-1.578	34.529	27.792	6.58	30.4		76.6					2.39	1.19	5	351
20		408	-1.819	-1.828	34.541	27.809	6.54	30.3	2.13	74.9							4	403
20		458	-1.788	-1.799	34.553	27.818	6.35	30.3	2.15	75.2					2.59	1.30	3	453
20		534	-1.902	-1.915	34.759	27.988	6.39	30.9	2.19	82.8					2.09	1.10	2	528

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-78.127 -176.372 593 996 60 6 2. 1722 24 JAN 1984 PS 84 2 20

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
20	2	0	-1.180	-1.180	0.70	0.70	34.330	27.617	30.005	32.367	37.010	46.3	0.000	1442.7	0
20	2	10	-1.202	-1.202	0.69	0.68	34.331	27.619	30.007	32.369	37.013	46.1	0.005	1442.8	9
20	2	20	-1.202	-1.202	0.70	0.68	34.330	27.618	30.007	32.368	37.012	46.2	0.009	1443.0	19
20	2	30	-1.201	-1.202	0.71	0.68	34.331	27.619	30.007	32.369	37.013	46.0	0.014	1443.1	29
20	2	40	-1.184	-1.185	0.73	0.70	34.333	27.620	30.008	32.370	37.013	45.9	0.018	1443.4	39
20	2	50	-1.175	-1.176	0.75	0.71	34.345	27.629	30.017	32.379	37.022	45.0	0.023	1443.6	49
20	2	60	-1.145	-1.147	0.78	0.74	34.346	27.629	30.017	32.378	37.020	45.0	0.028	1443.9	59
20	2	70	-1.136	-1.138	0.80	0.75	34.349	27.631	30.019	32.379	37.021	44.7	0.032	1444.1	69
20	2	80	-1.117	-1.119	0.83	0.77	34.361	27.640	30.027	32.388	37.029	43.8	0.036	1444.4	79
20	2	90	-1.156	-1.158	0.80	0.73	34.385	27.661	30.049	32.410	37.052	41.8	0.041	1444.4	89
20	2	100	-1.261	-1.263	0.70	0.63	34.404	27.680	30.069	32.432	37.077	39.9	0.045	1444.1	98
20	2	125	-1.365	-1.368	0.62	0.52	34.423	27.699	30.090	32.454	37.102	38.0	0.055	1444.0	123
20	2	150	-1.315	-1.319	0.69	0.57	34.443	27.714	30.104	32.467	37.113	36.5	0.064	1444.7	148
20	2	175	-1.107	-1.112	0.92	0.78	34.469	27.727	30.114	32.474	37.114	35.2	0.073	1446.1	173
20	2	200	-1.005	-1.011	1.04	0.89	34.488	27.739	30.124	32.482	37.119	34.1	0.081	1447.0	197
20	2	225	-1.059	-1.065	1.00	0.83	34.496	27.747	30.133	32.492	37.131	33.2	0.090	1447.2	222
20	2	250	-0.983	-0.990	1.10	0.91	34.519	27.763	30.148	32.506	37.141	31.6	0.098	1448.0	247
20	2	275	-1.211	-1.218	0.89	0.68	34.518	27.771	30.159	32.520	37.163	30.6	0.106	1447.3	271
20	2	300	-1.048	-1.057	1.07	0.85	34.536	27.780	30.165	32.524	37.161	29.9	0.113	1448.5	296
20	2	325	-1.314	-1.323	0.83	0.58	34.531	27.785	30.175	32.538	37.183	29.0	0.121	1447.7	321

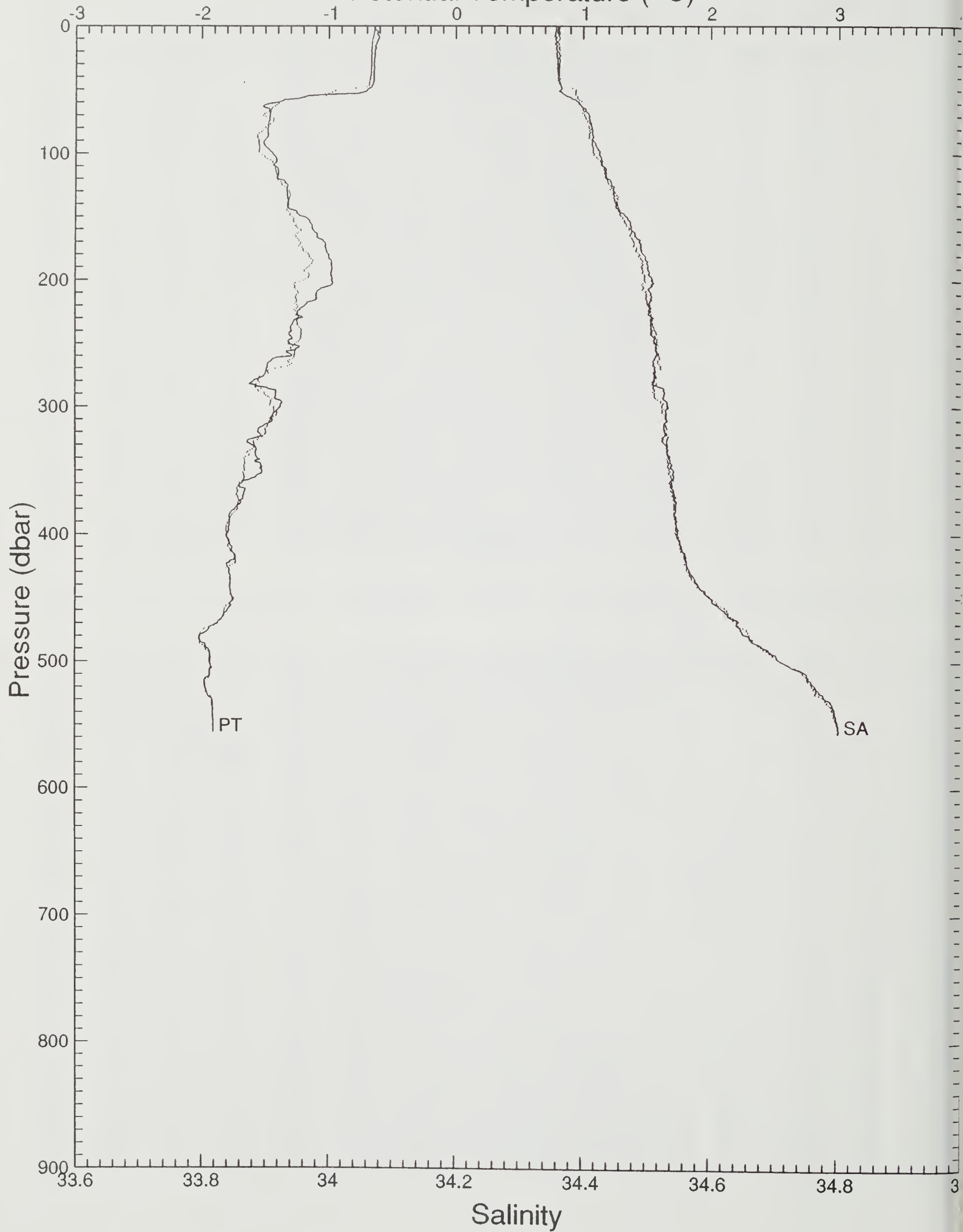
Potential Temperature ($^{\circ}\text{C}$)

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-78.153 -175.962 584 10 996 60 4 0. 480 2040 24 JAN 1984 PS 84 1 21

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
21	1	0	-1.248	-1.248	0.63	0.63	34.262	27.564	29.954	32.317	36.963	51.3	0.000	1442.3	0
21	1	10	-1.249	-1.249	0.64	0.63	34.260	27.563	29.952	32.315	36.961	51.4	0.005	1442.5	9
21	1	20	-1.244	-1.244	0.65	0.64	34.263	27.565	29.955	32.317	36.963	51.2	0.010	1442.7	19
21	1	30	-1.231	-1.232	0.67	0.65	34.267	27.568	29.957	32.320	36.965	50.9	0.015	1442.9	29
21	1	40	-1.229	-1.230	0.68	0.65	34.266	27.567	29.956	32.319	36.964	50.9	0.021	1443.1	39
21	1	50	-1.213	-1.214	0.70	0.67	34.271	27.570	29.960	32.322	36.967	50.5	0.026	1443.3	49
21	1	60	-1.217	-1.218	0.71	0.66	34.271	27.570	29.960	32.322	36.967	50.5	0.031	1443.5	59
21	1	70	-1.203	-1.205	0.73	0.68	34.275	27.573	29.962	32.325	36.969	50.2	0.036	1443.7	69
21	1	80	-1.190	-1.192	0.75	0.69	34.280	27.577	29.966	32.328	36.972	49.8	0.041	1443.9	79
21	1	90	-1.182	-1.184	0.77	0.70	34.279	27.576	29.965	32.326	36.970	49.8	0.046	1444.1	89
21	1	100	-1.142	-1.145	0.82	0.74	34.288	27.582	29.970	32.331	36.973	49.2	0.051	1444.5	98
21	1	125	-1.568	-1.571	0.41	0.32	34.393	27.681	30.075	32.443	37.097	39.6	0.062	1443.0	123
21	1	150	-1.553	-1.556	0.45	0.33	34.410	27.694	30.088	32.455	37.109	38.2	0.071	1443.5	148
21	1	175	-1.473	-1.477	0.55	0.42	34.428	27.707	30.099	32.465	37.116	37.0	0.081	1444.3	173
21	1	200	-1.283	-1.288	0.76	0.61	34.448	27.717	30.106	32.469	37.114	36.0	0.090	1445.7	197
21	1	225	-1.113	-1.119	0.95	0.78	34.476	27.733	30.120	32.480	37.120	34.5	0.099	1446.9	222
21	1	250	-0.960	-0.967	1.12	0.93	34.504	27.750	30.135	32.492	37.127	32.9	0.107	1448.1	247
21	1	275	-1.012	-1.020	1.09	0.88	34.521	27.766	30.151	32.509	37.146	31.3	0.115	1448.3	271
21	1	300	-1.071	-1.080	1.05	0.82	34.532	27.777	30.163	32.522	37.161	30.1	0.123	1448.4	296
21	1	325	-1.297	-1.306	0.84	0.60	34.531	27.784	30.174	32.537	37.182	29.1	0.130	1447.7	321
21	1	350	-1.639	-1.647	0.52	0.26	34.526	27.791	30.186	32.554	37.210	28.0	0.137	1446.5	345
21	1	375	-1.716	-1.725	0.46	0.18	34.527	27.794	30.191	32.560	37.218	27.5	0.144	1446.6	370
21	1	400	-1.783	-1.792	0.41	0.11	34.533	27.801	30.198	32.569	37.229	26.6	0.151	1446.6	395
21	1	425	-1.811	-1.821	0.41	0.09	34.542	27.809	30.207	32.577	37.238	25.7	0.158	1446.9	419
21	1	450	-1.797	-1.808	0.44	0.10	34.560	27.824	30.221	32.591	37.251	24.2	0.164	1447.4	444
21	1	475	-1.795	-1.806	0.46	0.10	34.572	27.833	30.231	32.601	37.261	23.2	0.170	1447.9	469
21	1	500	-1.848	-1.860	0.43	0.05	34.652	27.900	30.298	32.668	37.329	16.7	0.175	1448.1	494
21	1	550	-1.904	-1.917	0.42	0.01	34.779	28.005	30.403	32.774	37.436	6.6	0.181	1448.9	543
21	1	578	-1.888	-1.902	0.46	0.02	34.800	28.021	30.419	32.790	37.451	4.9	0.182	1449.4	570

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-78.153 -175.962 584 10 996 60 5 -1. 460 2108 24 JAN 1984 PS 84 2 21

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
21	2	0	-1.243	-1.243	0.64	0.64	34.263	27.565	29.955	32.317	36.963	51.3	0.000	1442.4	0
21	2	10	-1.240	-1.240	0.65	0.64	34.262	27.564	29.954	32.316	36.962	51.3	0.005	1442.5	9
21	2	20	-1.230	-1.230	0.67	0.65	34.266	27.567	29.956	32.319	36.964	51.0	0.010	1442.7	19
21	2	30	-1.224	-1.225	0.68	0.66	34.268	27.568	29.958	32.320	36.965	50.8	0.015	1442.9	29
21	2	40	-1.222	-1.223	0.69	0.66	34.267	27.567	29.957	32.319	36.964	50.8	0.020	1443.1	39
21	2	50	-1.214	-1.215	0.70	0.67	34.269	27.569	29.958	32.320	36.965	50.7	0.026	1443.3	49
21	2	60	-1.203	-1.204	0.72	0.68	34.272	27.571	29.960	32.322	36.966	50.4	0.031	1443.5	59
21	2	70	-1.188	-1.190	0.75	0.69	34.277	27.574	29.963	32.325	36.969	50.1	0.036	1443.8	69
21	2	80	-1.154	-1.156	0.79	0.73	34.286	27.580	29.969	32.330	36.973	49.4	0.041	1444.1	79
21	2	90	-1.144	-1.146	0.81	0.74	34.288	27.582	29.970	32.331	36.973	49.3	0.046	1444.3	89
21	2	100	-1.124	-1.127	0.83	0.76	34.288	27.581	29.969	32.330	36.972	49.3	0.050	1444.6	98
21	2	125	-1.380	-1.383	0.60	0.51	34.370	27.656	30.048	32.412	37.061	42.0	0.062	1443.9	123
21	2	150	-1.549	-1.552	0.45	0.34	34.406	27.691	30.085	32.452	37.106	38.5	0.072	1443.5	148
21	2	175	-1.477	-1.481	0.54	0.41	34.425	27.704	30.097	32.463	37.114	37.2	0.081	1444.3	173
21	2	200	-1.375	-1.380	0.67	0.51	34.436	27.710	30.101	32.465	37.113	36.6	0.091	1445.2	197
21	2	225	-1.176	-1.182	0.89	0.72	34.464	27.726	30.114	32.475	37.117	35.1	0.100	1446.6	222
21	2	250	-0.967	-0.974	1.11	0.93	34.500	27.747	30.132	32.489	37.125	33.2	0.108	1448.0	247
21	2	275	-1.008	-1.016	1.09	0.89	34.519	27.764	30.149	32.507	37.144	31.4	0.116	1448.3	271
21	2	300	-1.073	-1.082	1.05	0.82	34.529	27.775	30.161	32.520	37.158	30.3	0.124	1448.4	296
21	2	325	-1.232	-1.241	0.91	0.66	34.531	27.782	30.171	32.532	37.175	29.4	0.131	1448.0	321
21	2	350	-1.581	-1.590	0.58	0.31	34.529	27.792	30.186	32.553	37.207	28.0	0.138	1446.8	345
21	2	375	-1.728	-1.737	0.45	0.17	34.530	27.797	30.194	32.563	37.221	27.2	0.145	1446.5	370
21	2	400	-1.782	-1.791	0.42	0.11	34.531	27.800	30.197	32.567	37.227	26.8	0.152	1446.6	395
21	2	425	-1.812	-1.822	0.40	0.08	34.542	27.809	30.207	32.578	37.238	25.7	0.159	1446.9	419
21	2	450	-1.798	-1.809	0.44	0.10	34.558	27.822	30.219	32.590	37.250	24.4	0.165	1447.4	444
21	2	475	-1.794	-1.805	0.46	0.10	34.574	27.835	30.232	32.602	37.262	23.0	0.171	1447.9	469
21	2	500	-1.837	-1.849	0.44	0.07	34.646	27.895	30.292	32.663	37.324	17.2	0.176	1448.2	494
21	2	550	-1.903	-1.916	0.42	0.01	34.780	28.005	30.404	32.775	37.436	6.5	0.182	1448.9	543
21	2	578	-1.888	-1.902	0.46	0.02	34.800	28.021	30.419	32.790	37.451	4.9	0.183	1449.4	570

Potential Temperature ($^{\circ}\text{C}$)

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.035	-175.525	564	12	996	60	5	1.		2228	24	JAN	1984	PS	84	1	22

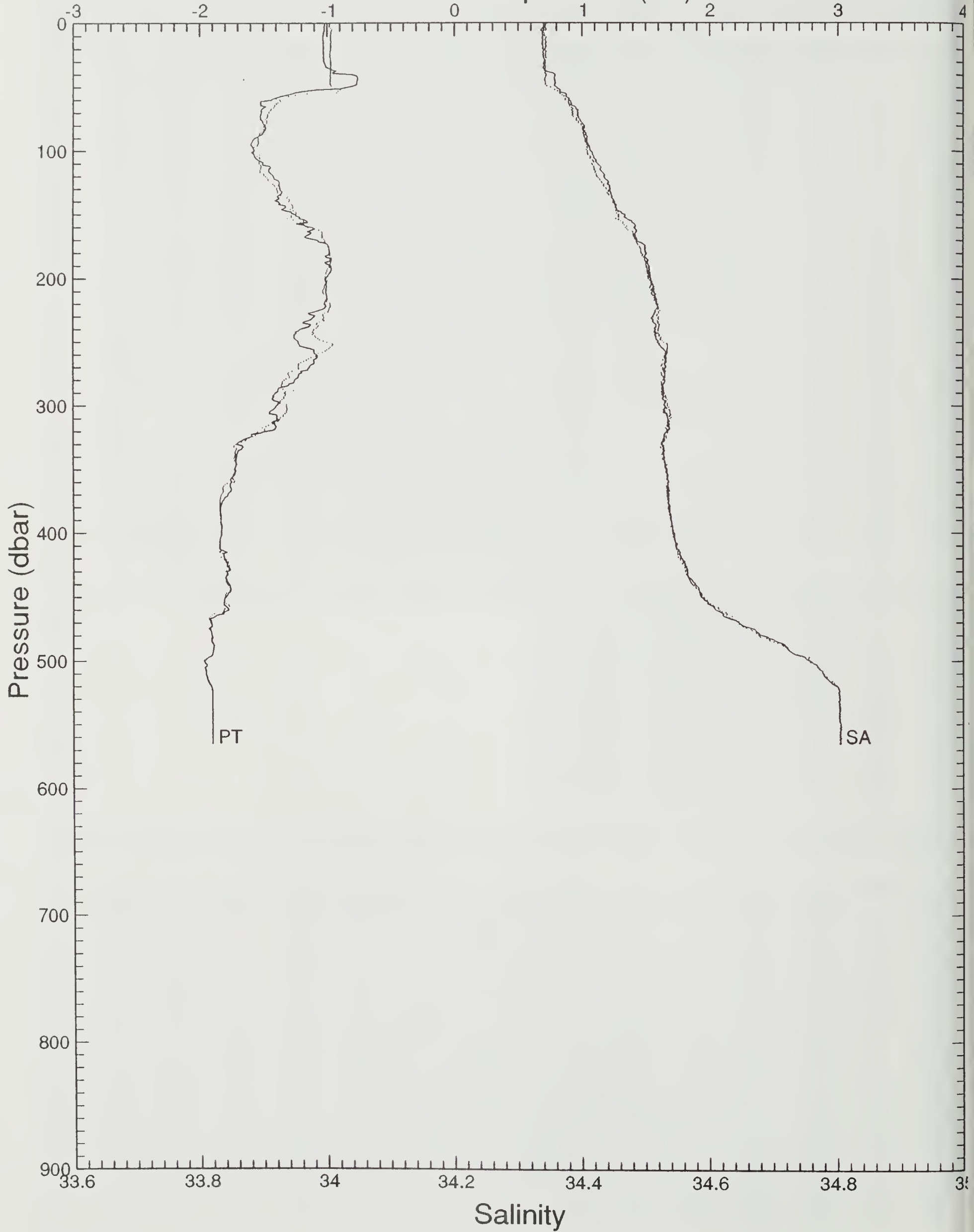
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
22	1	0	-0.643	-0.643	1.24	1.24	34.357	27.618	29.998	32.351	36.978	46.2	0.000	1445.3	0
22	1	10	-0.609	-0.609	1.28	1.28	34.356	27.615	29.995	32.348	36.973	46.4	0.005	1445.6	9
22	1	20	-0.637	-0.638	1.26	1.25	34.360	27.620	30.000	32.353	36.980	46.0	0.009	1445.7	19
22	1	30	-0.643	-0.644	1.26	1.24	34.359	27.619	29.999	32.353	36.979	46.0	0.014	1445.8	29
22	1	40	-0.644	-0.645	1.27	1.24	34.361	27.621	30.001	32.354	36.981	45.8	0.018	1445.9	39
22	1	50	-0.695	-0.696	1.23	1.19	34.365	27.627	30.007	32.361	36.990	45.3	0.023	1445.9	49
22	1	60	-1.398	-1.399	0.54	0.49	34.394	27.676	30.068	32.433	37.082	40.4	0.027	1442.8	59
22	1	70	-1.460	-1.462	0.48	0.43	34.410	27.691	30.084	32.449	37.100	38.9	0.031	1442.7	69
22	1	80	-1.475	-1.477	0.47	0.41	34.414	27.695	30.088	32.454	37.105	38.5	0.035	1442.8	79
22	1	90	-1.505	-1.507	0.45	0.38	34.417	27.699	30.092	32.458	37.110	38.1	0.039	1442.8	89
22	1	100	-1.438	-1.440	0.53	0.45	34.426	27.704	30.096	32.461	37.111	37.6	0.043	1443.3	98
22	1	125	-1.317	-1.320	0.67	0.57	34.446	27.716	30.106	32.469	37.116	36.4	0.052	1444.3	123
22	1	150	-1.179	-1.183	0.83	0.71	34.470	27.731	30.119	32.480	37.121	35.0	0.061	1445.4	148
22	1	175	-1.013	-1.018	1.01	0.88	34.492	27.742	30.128	32.486	37.123	33.8	0.070	1446.6	173
22	1	200	-0.968	-0.974	1.08	0.93	34.508	27.754	30.138	32.496	37.131	32.7	0.078	1447.2	197
22	1	225	-1.236	-1.242	0.83	0.66	34.505	27.761	30.150	32.512	37.155	31.7	0.086	1446.4	222
22	1	250	-1.308	-1.315	0.78	0.59	34.517	27.773	30.163	32.526	37.171	30.4	0.094	1446.4	247
22	1	275	-1.495	-1.502	0.61	0.40	34.516	27.779	30.171	32.537	37.188	29.7	0.101	1446.0	271
22	1	300	-1.366	-1.374	0.76	0.53	34.536	27.791	30.181	32.545	37.192	28.5	0.108	1447.0	296
22	1	325	-1.584	-1.592	0.56	0.31	34.528	27.791	30.185	32.552	37.206	28.2	0.116	1446.4	321
22	1	350	-1.508	-1.517	0.65	0.39	34.545	27.803	30.196	32.561	37.213	27.0	0.122	1447.2	345
22	1	375	-1.676	-1.685	0.50	0.22	34.549	27.811	30.207	32.575	37.232	25.9	0.129	1446.8	370
22	1	400	-1.790	-1.799	0.41	0.11	34.550	27.815	30.212	32.583	37.243	25.3	0.135	1446.6	395
22	1	425	-1.786	-1.796	0.43	0.11	34.567	27.829	30.226	32.596	37.256	23.9	0.142	1447.1	419
22	1	450	-1.730	-1.741	0.51	0.17	34.603	27.857	30.253	32.622	37.280	21.2	0.147	1447.8	444
22	1	475	-1.931	-1.942	0.33	-0.03	34.650	27.900	30.299	32.671	37.335	16.7	0.152	1447.3	469
22	1	500	-1.918	-1.930	0.36	-0.01	34.716	27.954	30.352	32.724	37.387	11.6	0.156	1447.9	494
22	1	550	-1.888	-1.901	0.44	0.02	34.801	28.022	30.420	32.791	37.452	4.9	0.160	1449.0	543
22	1	556	-1.889	-1.903	0.44	0.02	34.802	28.023	30.421	32.791	37.453	4.8	0.160	1449.1	549

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
22		3	-0.634	-0.634	34.361	27.621	8.67										12	3
22		41	-0.673	-0.674	34.361	27.622	8.70										11	40
22		77	-1.458	-1.460	34.405	27.687	6.97										10	76
22		101	-1.519	-1.521	34.418	27.700	6.56										9	100
22		174	-1.202	-1.207	34.483	27.742	6.12										8	172
22		200	-1.189	-1.194	34.498	27.754	6.12										7	198
22		295	-1.443	-1.450	34.524	27.784	6.24										6	292
22		354	-1.651	-1.660	34.539	27.802	6.48										5	350
22		407	-1.763	-1.773	34.554	27.818	6.47										4	402
22		483	-2.002	-2.013	34.671	27.919	6.48										3	477
22		508	-1.920	-1.932	34.740	27.973	6.38										2	502
22		551	-1.889	-1.902	34.799	28.021	6.41										1	544

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.027	-175.570	564	12	996	70	4	1.	9999	2334	24	JAN	1984	PS	84	2	22

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
22	2	0	-0.634	-0.634	1.25	1.25	34.363	27.622	30.002	32.355	36.982	45.8	0.000	1445.4	0
22	2	10	-0.654	-0.654	1.24	1.23	34.363	27.623	30.003	32.357	36.984	45.7	0.005	1445.4	9
22	2	20	-0.664	-0.665	1.24	1.22	34.361	27.622	30.002	32.356	36.983	45.8	0.009	1445.5	19
22	2	30	-0.663	-0.664	1.24	1.22	34.362	27.623	30.003	32.357	36.984	45.7	0.014	1445.7	29
22	2	40	-0.674	-0.675	1.24	1.21	34.362	27.623	30.004	32.357	36.985	45.6	0.018	1445.8	39
22	2	50	-0.873	-0.874	1.05	1.01	34.389	27.653	30.037	32.393	37.027	42.7	0.023	1445.1	49
22	2	60	-1.392	-1.393	0.54	0.50	34.394	27.676	30.068	32.432	37.081	40.4	0.027	1442.8	59
22	2	70	-1.512	-1.514	0.43	0.38	34.402	27.687	30.080	32.446	37.099	39.4	0.031	1442.4	69
22	2	80	-1.493	-1.495	0.46	0.39	34.410	27.692	30.085	32.452	37.104	38.8	0.035	1442.7	79
22	2	90	-1.548	-1.550	0.41	0.34	34.415	27.698	30.092	32.459	37.113	38.2	0.039	1442.6	89
22	2	100	-1.529	-1.531	0.44	0.36	34.418	27.700	30.094	32.460	37.113	37.9	0.042	1442.8	98
22	2	125	-1.363	-1.366	0.62	0.53	34.443	27.715	30.106	32.470	37.118	36.5	0.052	1444.1	123
22	2	150	-1.280	-1.284	0.72	0.61	34.463	27.729	30.118	32.481	37.126	35.1	0.061	1444.9	148
22	2	175	-1.195	-1.200	0.83	0.70	34.485	27.743	30.131	32.493	37.135	33.6	0.069	1445.7	173
22	2	200	-1.189	-1.194	0.85	0.70	34.497	27.753	30.141	32.502	37.144	32.6	0.078	1446.2	197
22	2	225	-1.239	-1.245	0.82	0.65	34.505	27.761	30.150	32.512	37.155	31.7	0.086	1446.4	222
22	2	250	-1.253	-1.260	0.83	0.64	34.518	27.772	30.161	32.523	37.167	30.6	0.093	1446.7	247
22	2	275	-1.494	-1.501	0.61	0.40	34.514	27.777	30.170	32.535	37.187	29.8	0.101	1446.0	271
22	2	300	-1.417	-1.425	0.70	0.48	34.526	27.784	30.176	32.540	37.189	29.1	0.108	1446.8	296

Potential Temperature (°C)

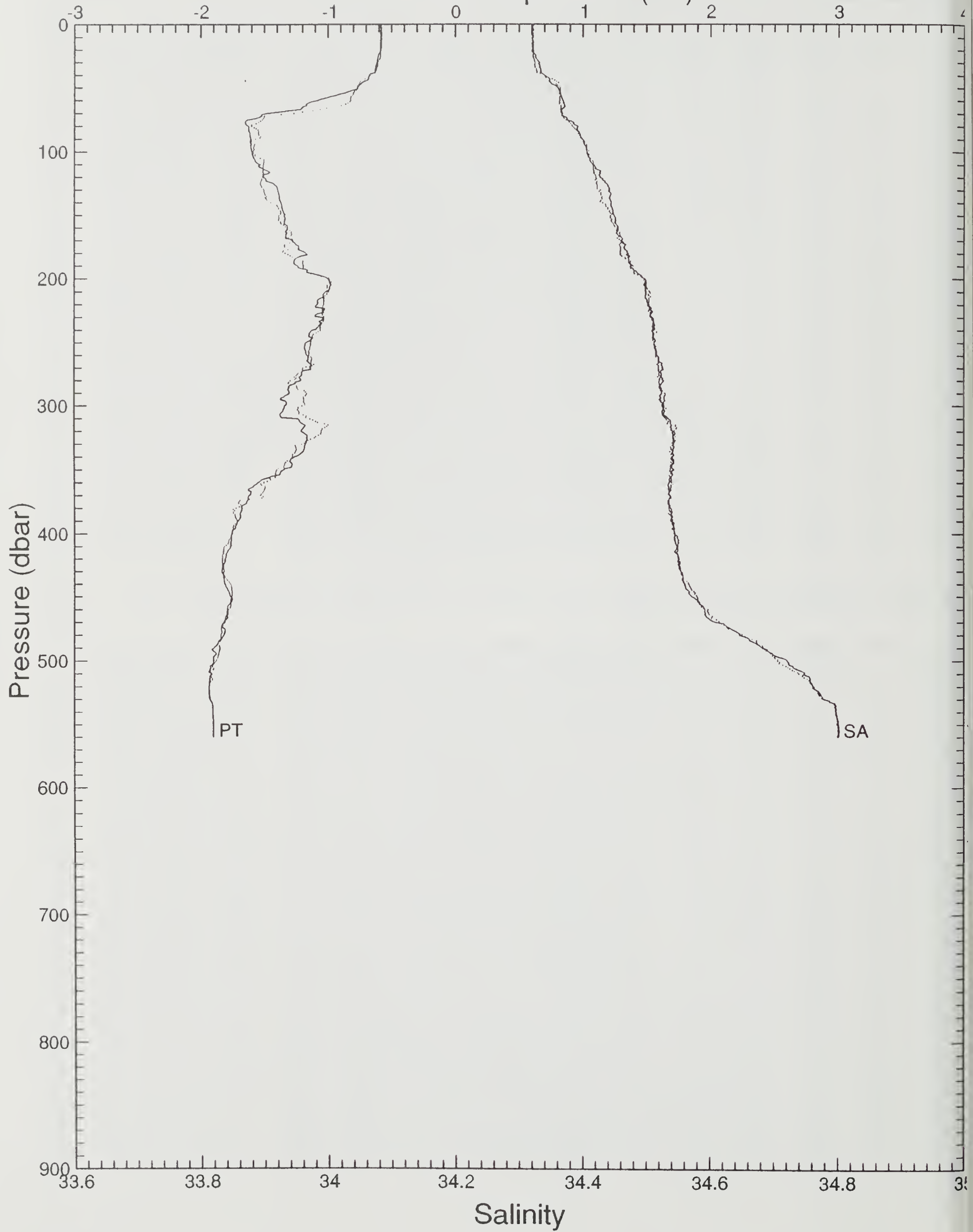


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.962	-175.478	564	3	995	70	5	0.		0031	25	JAN	1984	PS	84	1	23

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
23	1	0	-1.019	-1.019	0.87	0.87	34.347	27.625	30.011	32.370	37.008	45.6	0.000	1443.5	0
23	1	10	-1.033	-1.033	0.86	0.85	34.339	27.619	30.005	32.364	37.003	46.1	0.005	1443.6	9
23	1	20	-1.028	-1.029	0.87	0.86	34.338	27.618	30.004	32.363	37.002	46.2	0.009	1443.8	19
23	1	30	-1.024	-1.025	0.88	0.86	34.341	27.620	30.006	32.365	37.004	45.9	0.014	1444.0	29
23	1	40	-0.798	-0.799	1.12	1.09	34.358	27.625	30.008	32.363	36.994	45.4	0.018	1445.2	39
23	1	50	-0.841	-0.842	1.08	1.04	34.361	27.629	30.012	32.369	37.001	45.0	0.023	1445.2	49
23	1	60	-1.438	-1.439	0.49	0.45	34.379	27.666	30.058	32.423	37.074	41.4	0.027	1442.6	59
23	1	70	-1.512	-1.514	0.43	0.38	34.394	27.680	30.073	32.440	37.093	40.0	0.031	1442.4	69
23	1	80	-1.485	-1.487	0.46	0.40	34.404	27.687	30.080	32.446	37.098	39.3	0.035	1442.7	79
23	1	90	-1.565	-1.567	0.39	0.32	34.408	27.693	30.087	32.454	37.109	38.6	0.039	1442.5	89
23	1	100	-1.568	-1.570	0.40	0.32	34.414	27.698	30.092	32.459	37.114	38.1	0.043	1442.6	98
23	1	125	-1.368	-1.371	0.62	0.52	34.442	27.714	30.105	32.469	37.117	36.5	0.052	1444.0	123
23	1	150	-1.240	-1.244	0.76	0.65	34.468	27.731	30.120	32.482	37.126	34.9	0.061	1445.1	148
23	1	175	-0.977	-0.982	1.05	0.92	34.499	27.747	30.131	32.489	37.125	33.5	0.070	1446.8	173
23	1	200	-1.008	-1.014	1.04	0.89	34.509	27.756	30.141	32.499	37.136	32.5	0.078	1447.0	197
23	1	225	-1.061	-1.067	1.00	0.83	34.515	27.763	30.149	32.508	37.146	31.7	0.086	1447.2	222
23	1	250	-1.216	-1.223	0.87	0.68	34.519	27.772	30.160	32.522	37.164	30.7	0.094	1446.9	247
23	1	275	-1.209	-1.216	0.89	0.69	34.531	27.781	30.169	32.531	37.173	29.7	0.101	1447.3	271
23	1	300	-1.388	-1.396	0.73	0.51	34.531	27.788	30.178	32.542	37.190	28.8	0.109	1446.9	296
23	1	325	-1.616	-1.624	0.52	0.28	34.529	27.793	30.188	32.555	37.210	28.0	0.116	1446.2	321
23	1	350	-1.710	-1.718	0.45	0.19	34.534	27.800	30.196	32.565	37.223	27.1	0.123	1446.2	345
23	1	375	-1.811	-1.820	0.37	0.09	34.537	27.805	30.203	32.573	37.234	26.4	0.129	1446.1	370
23	1	400	-1.817	-1.826	0.38	0.08	34.546	27.813	30.210	32.581	37.242	25.5	0.136	1446.5	395
23	1	425	-1.770	-1.780	0.45	0.13	34.562	27.824	30.221	32.591	37.251	24.3	0.142	1447.2	420
23	1	450	-1.783	-1.794	0.46	0.12	34.588	27.846	30.243	32.613	37.272	22.1	0.148	1447.5	444
23	1	475	-1.903	-1.914	0.36	0.00	34.671	27.917	30.315	32.687	37.349	15.2	0.153	1447.5	469
23	1	500	-1.952	-1.964	0.33	-0.04	34.758	27.989	30.388	32.760	37.423	8.2	0.155	1447.8	494
23	1	550	-1.884	-1.897	0.44	0.03	34.806	28.026	30.424	32.794	37.455	4.6	0.159	1449.0	543
23	1	565	-1.883	-1.897	0.45	0.03	34.804	28.024	30.422	32.793	37.454	4.7	0.159	1449.2	558

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.967	-175.480	564	3	995	70	5	-1.		0059	25	JAN	1984	PS	84	2	23

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
23	2	0	-0.981	-0.981	0.90	0.90	34.343	27.620	30.005	32.364	37.001	46.0	0.000	1443.7	0
23	2	10	-0.972	-0.972	0.92	0.91	34.342	27.619	30.004	32.363	36.999	46.1	0.005	1443.9	9
23	2	20	-0.972	-0.973	0.93	0.91	34.342	27.619	30.004	32.363	36.999	46.1	0.009	1444.1	19
23	2	30	-0.969	-0.970	0.94	0.92	34.342	27.619	30.004	32.362	36.999	46.0	0.014	1444.2	29
23	2	40	-0.972	-0.973	0.94	0.91	34.344	27.621	30.006	32.364	37.001	45.8	0.018	1444.4	39
23	2	50	-0.854	-0.855	1.07	1.03	34.351	27.622	30.005	32.362	36.995	45.7	0.023	1445.1	49
23	2	60	-1.367	-1.368	0.56	0.52	34.374	27.659	30.050	32.415	37.063	42.0	0.027	1442.9	59
23	2	70	-1.453	-1.455	0.49	0.43	34.385	27.671	30.063	32.429	37.080	40.9	0.032	1442.7	69
23	2	80	-1.484	-1.486	0.46	0.40	34.399	27.683	30.076	32.442	37.094	39.6	0.036	1442.7	79
23	2	90	-1.536	-1.538	0.42	0.35	34.405	27.690	30.083	32.450	37.104	39.0	0.040	1442.6	89
23	2	100	-1.574	-1.576	0.39	0.31	34.409	27.694	30.088	32.456	37.110	38.5	0.043	1442.6	98
23	2	125	-1.430	-1.433	0.55	0.46	34.432	27.708	30.100	32.465	37.115	37.1	0.053	1443.7	123
23	2	150	-1.245	-1.249	0.76	0.65	34.458	27.723	30.112	32.474	37.118	35.6	0.062	1445.0	148
23	2	175	-0.982	-0.987	1.04	0.91	34.491	27.740	30.125	32.483	37.119	34.0	0.071	1446.7	173
23	2	200	-1.000	-1.006	1.04	0.89	34.505	27.752	30.137	32.496	37.132	32.8	0.079	1447.1	197
23	2	225	-0.980	-0.986	1.08	0.92	34.523	27.766	30.151	32.509	37.144	31.4	0.087	1447.6	222
23	2	250	-0.988	-0.995	1.10	0.91	34.529	27.771	30.156	32.514	37.150	30.9	0.095	1448.0	247
23	2	275	-1.299	-1.306	0.80	0.60	34.526	27.780	30.170	32.533	37.178	29.7	0.102	1446.9	271
23	2	300	-1.306	-1.314	0.82	0.59	34.535	27.788	30.178	32.540	37.186	28.9	0.110	1447.3	296
23	2	325	-1.600	-1.608	0.54	0.30	34.533	27.796	30.190	32.557	37.212	27.7	0.117	1446.3	321
23	2	350	-1.718	-1.726	0.44	0.18	34.533	27.799	30.195	32.565	37.223	27.1	0.124	1446.1	345
23	2	375	-1.829	-1.838	0.35	0.07	34.537	27.806	30.204	32.574	37.236	26.3	0.130	1446.0	370
23	2	400	-1.818	-1.827	0.38	0.08	34.543	27.810	30.208	32.579	37.240	25.7	0.137	1446.5	395
23	2	425	-1.756	-1.766	0.46	0.14	34.563	27.825	30.221	32.591	37.250	24.3	0.143	1447.2	420
23	2	450	-1.789	-1.800	0.45	0.11	34.592	27.849	30.246	32.616	37.276	21.8	0.149	1447.5	444
23	2	475	-1.913	-1.924	0.35	-0.01	34.665	27.912	30.311	32.682	37.345	15.6	0.153	1447.4	469
23	2	500	-1.949	-1.961	0.34	-0.04	34.758	27.989	30.388	32.759	37.423	8.3	0.156	1447.8	494
23	2	550	-1.884	-1.897	0.44	0.03	34.806	28.026	30.424	32.794	37.455	4.6	0.160	1449.0	543
23	2	565	-1.883	-1.897	0.45	0.03	34.805	28.025	30.423	32.794	37.454	4.6	0.160	1449.2	558

Potential Temperature ($^{\circ}\text{C}$)

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.103	-175.493	559	3	994	60	3	3.	4450	1124	25	JAN	1984	PS	84	1	24

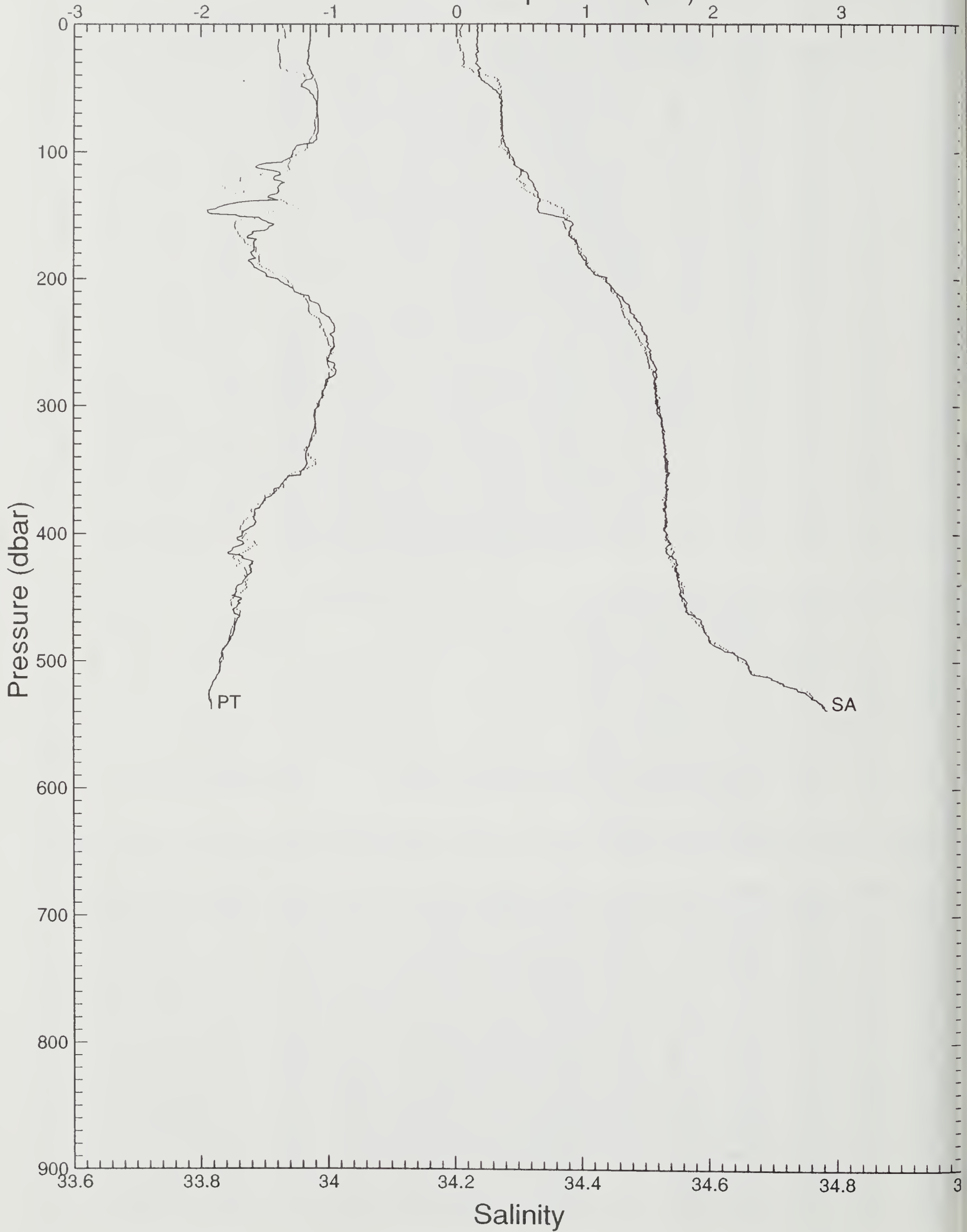
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
24	1	0	-0.583	-0.583	1.30	1.30	34.322	27.587	29.966	32.319	36.944	49.2	0.000	1445.5	0
24	1	10	-0.582	-0.582	1.31	1.30	34.321	27.586	29.965	32.318	36.943	49.2	0.005	1445.7	9
24	1	20	-0.583	-0.584	1.31	1.30	34.321	27.586	29.965	32.318	36.943	49.2	0.010	1445.9	19
24	1	30	-0.613	-0.614	1.29	1.27	34.332	27.596	29.976	32.329	36.955	48.2	0.015	1445.9	29
24	1	40	-0.675	-0.676	1.24	1.21	34.340	27.605	29.986	32.340	36.968	47.3	0.020	1445.8	39
24	1	50	-0.767	-0.768	1.16	1.12	34.361	27.626	30.008	32.363	36.994	45.3	0.024	1445.5	49
24	1	60	-1.082	-1.084	0.85	0.80	34.369	27.645	30.032	32.392	37.032	43.4	0.029	1444.2	59
24	1	70	-1.481	-1.483	0.46	0.40	34.369	27.659	30.052	32.418	37.070	42.0	0.033	1442.5	69
24	1	80	-1.620	-1.622	0.33	0.27	34.393	27.683	30.078	32.446	37.102	39.7	0.037	1442.0	79
24	1	90	-1.599	-1.601	0.36	0.29	34.400	27.688	30.082	32.450	37.105	39.2	0.041	1442.3	89
24	1	100	-1.594	-1.596	0.37	0.29	34.407	27.693	30.088	32.455	37.111	38.6	0.045	1442.5	98
24	1	125	-1.422	-1.425	0.56	0.47	34.438	27.713	30.105	32.470	37.119	36.6	0.054	1443.8	123
24	1	150	-1.338	-1.342	0.67	0.55	34.450	27.720	30.110	32.474	37.121	35.9	0.063	1444.6	148
24	1	175	-1.224	-1.229	0.80	0.67	34.465	27.728	30.117	32.479	37.122	35.1	0.072	1445.6	173
24	1	200	-0.990	-0.996	1.05	0.90	34.499	27.747	30.132	32.490	37.126	33.3	0.081	1447.1	197
24	1	225	-1.030	-1.036	1.03	0.86	34.510	27.758	30.143	32.502	37.139	32.2	0.089	1447.3	222
24	1	250	-1.169	-1.176	0.91	0.72	34.513	27.765	30.153	32.514	37.155	31.3	0.097	1447.1	247
24	1	275	-1.196	-1.203	0.91	0.70	34.525	27.776	30.164	32.525	37.167	30.2	0.104	1447.4	271
24	1	300	-1.333	-1.341	0.79	0.56	34.526	27.782	30.172	32.535	37.181	29.4	0.112	1447.2	296
24	1	325	-1.156	-1.165	0.99	0.74	34.543	27.789	30.177	32.537	37.178	28.8	0.119	1448.4	321
24	1	350	-1.339	-1.348	0.82	0.56	34.545	27.797	30.187	32.551	37.197	27.7	0.126	1448.0	345
24	1	375	-1.629	-1.638	0.55	0.27	34.536	27.799	30.194	32.562	37.217	27.1	0.133	1447.0	370
24	1	400	-1.746	-1.755	0.45	0.15	34.545	27.810	30.206	32.576	37.235	25.9	0.140	1446.8	395
24	1	425	-1.817	-1.827	0.40	0.08	34.552	27.818	30.215	32.586	37.247	24.9	0.146	1446.9	419
24	1	450	-1.753	-1.764	0.48	0.15	34.573	27.833	30.229	32.599	37.258	23.4	0.152	1447.7	444
24	1	475	-1.800	-1.811	0.46	0.10	34.634	27.884	30.281	32.651	37.311	18.4	0.157	1447.9	469
24	1	500	-1.887	-1.899	0.40	0.02	34.722	27.958	30.356	32.727	37.389	11.2	0.161	1448.0	494
24	1	550	-1.888	-1.901	0.44	0.02	34.800	28.021	30.419	32.790	37.451	5.0	0.165	1449.0	543
24	1	560	-1.888	-1.902	0.45	0.02	34.801	28.022	30.420	32.791	37.452	4.9	0.166	1449.1	553

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
24		3	-0.592	-0.592	34.319	27.585					201	196					11	3
24		4	-0.600	-0.600	34.320	27.586	8.76	14.3	1.23	64.3			2085	2326		2.30	12	4
24		93	-1.586	-1.588	34.398	27.686	6.69	25.6	2.08	70.7			2119	2330	3.21	1.53	10	92
24		93	-1.586	-1.588	34.399	27.686					398	372					9	92
24		207	-1.000	-1.006	34.501	27.749	5.93	30.2	2.23	79.3			2216	2331	2.08	1.09	8	205
24	1	207	-1.000	-1.006	34.502	27.750					447	428					7	205
24	1	335	-1.238	-1.247	34.542	27.791					442	418					5	331
24		336	-1.245	-1.254	34.539	27.789	6.10	30.3	2.21	79.9			2214	2332	2.23	1.17	6	333
24		510	-1.899	-1.911	34.732	27.966					481	443					3	504
24		510	-1.899	-1.911	34.734	27.968	6.35	30.5	2.23	82.0			2231	2339	2.13	1.16	4	504
24		557	-1.888	-1.902	34.799	28.021	6.38	30.6	2.25	82.1			2238	2354	2.19	1.14	2	550
24		557	-1.888	-1.902	34.798	28.020					457	421					1	551

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.125	-175.552	559	3	994	40	3	3.	3250	1223	25	JAN	1984	PS	84	2	24

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
24	2	0	-0.592	-0.592	1.29	1.29	34.321	27.586	29.966	32.318	36.944	49.2	0.000	1445.5	0
24	2	10	-0.584	-0.584	1.31	1.30	34.322	27.587	29.966	32.319	36.944	49.1	0.005	1445.7	9
24	2	20	-0.587	-0.588	1.31	1.30	34.322	27.587	29.966	32.319	36.944	49.1	0.010	1445.8	19
24	2	30	-0.607	-0.608	1.30	1.28	34.325	27.590	29.970	32.323	36.949	48.8	0.015	1445.9	29
24	2	40	-0.669	-0.670	1.25	1.21	34.340	27.605	29.986	32.339	36.967	47.3	0.020	1445.8	39
24	2	50	-0.770	-0.771	1.15	1.12	34.365	27.630	30.012	32.367	36.997	45.0	0.024	1445.5	49
24	2	60	-0.821	-0.823	1.11	1.06	34.364	27.631	30.014	32.370	37.002	44.8	0.029	1445.4	59
24	2	70	-1.267	-1.269	0.67	0.62	34.367	27.650	30.040	32.403	37.048	42.9	0.033	1443.5	69
24	2	80	-1.600	-1.602	0.35	0.29	34.384	27.675	30.069	32.437	37.093	40.4	0.037	1442.1	79
24	2	90	-1.565	-1.567	0.39	0.32	34.399	27.686	30.080	32.447	37.101	39.3	0.041	1442.5	89
24	2	100	-1.587	-1.589	0.38	0.30	34.407	27.693	30.087	32.455	37.110	38.6	0.045	1442.5	98
24	2	125	-1.528	-1.531	0.46	0.36	34.422	27.703	30.097	32.463	37.116	37.5	0.055	1443.2	123
24	2	150	-1.381	-1.385	0.62	0.51	34.444	27.717	30.108	32.472	37.120	36.2	0.064	1444.4	148
24	2	175	-1.334	-1.338	0.69	0.56	34.460	27.728	30.118	32.482	37.128	35.0	0.073	1445.0	173
24	2	200	-0.978	-0.984	1.07	0.92	34.498	27.746	30.131	32.488	37.124	33.4	0.081	1447.2	197
24	2	225	-1.035	-1.041	1.03	0.86	34.504	27.753	30.139	32.497	37.135	32.6	0.090	1447.3	222
24	2	250	-1.127	-1.134	0.96	0.77	34.513	27.764	30.151	32.511	37.151	31.5	0.098	1447.3	247
24	2	275	-1.233	-1.240	0.87	0.66	34.521	27.774	30.163	32.524	37.168	30.3	0.105	1447.2	271
24	2	300	-1.195	-1.203	0.93	0.70	34.529	27.779	30.167	32.528	37.170	29.8	0.113	1447.8	296

Potential Temperature (°C)



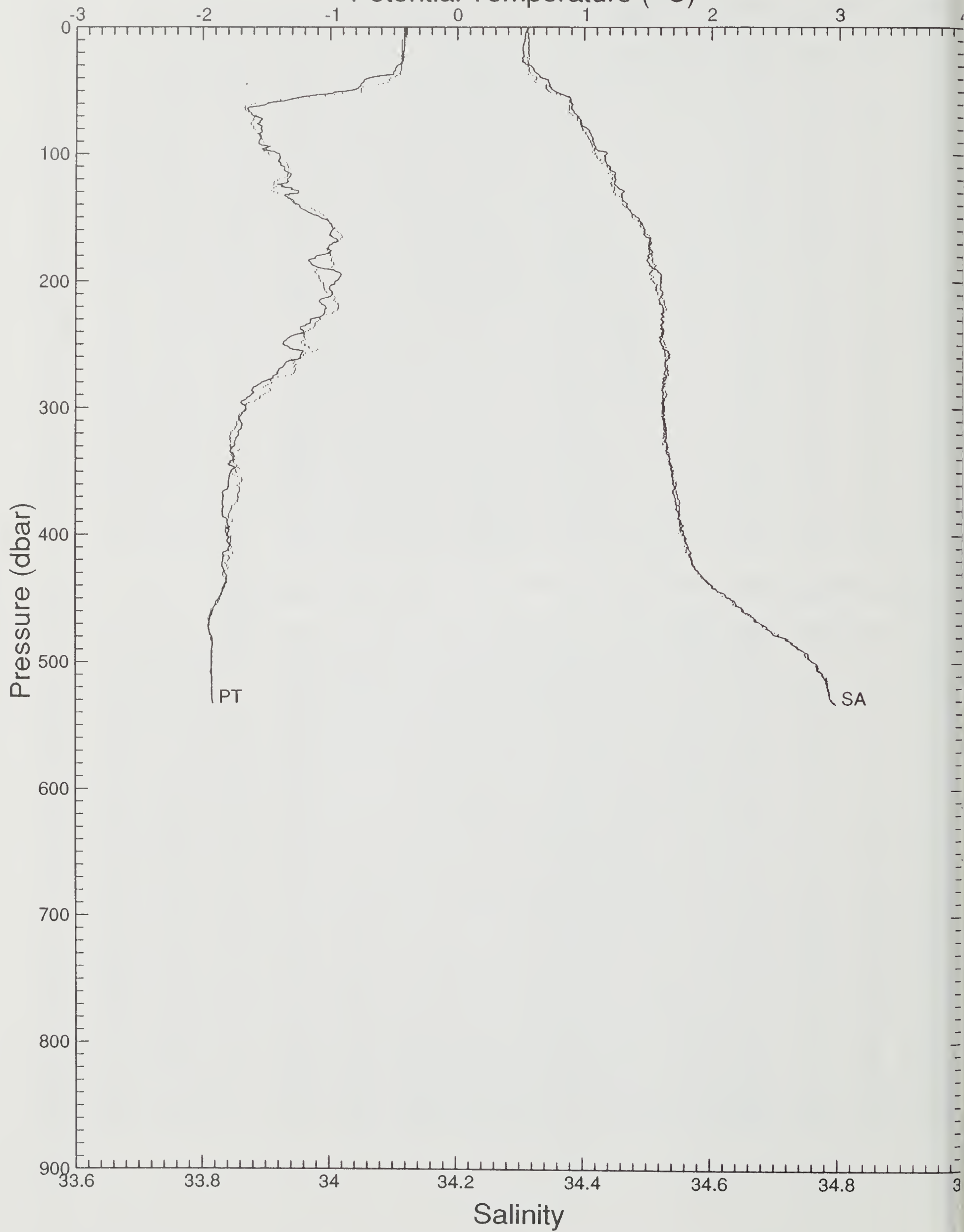
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.187	-175.008	538	3	994	40	5	1.	1200	1545	25	JAN	1984	PS	84	1	25

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
25	1	0	-1.146	-1.146	0.73	0.73	34.234	27.538	29.926	32.288	36.931	53.8	0.000	1442.8	0
25	1	10	-1.144	-1.144	0.74	0.73	34.233	27.537	29.925	32.287	36.930	53.8	0.005	1442.9	9
25	1	20	-1.157	-1.157	0.74	0.72	34.232	27.537	29.925	32.287	36.930	53.8	0.011	1443.0	19
25	1	30	-1.168	-1.169	0.73	0.71	34.231	27.536	29.925	32.287	36.930	53.8	0.016	1443.1	29
25	1	40	-1.118	-1.119	0.79	0.76	34.237	27.539	29.927	32.288	36.930	53.5	0.022	1443.6	39
25	1	50	-1.185	-1.186	0.73	0.69	34.257	27.558	29.947	32.309	36.953	51.7	0.027	1443.4	49
25	1	60	-1.096	-1.098	0.83	0.78	34.272	27.567	29.954	32.315	36.956	50.8	0.032	1444.0	59
25	1	70	-1.086	-1.088	0.85	0.79	34.271	27.566	29.953	32.313	36.954	50.9	0.037	1444.2	69
25	1	80	-1.080	-1.082	0.86	0.80	34.273	27.567	29.954	32.315	36.955	50.7	0.042	1444.4	79
25	1	90	-1.089	-1.091	0.86	0.79	34.273	27.568	29.955	32.315	36.956	50.6	0.047	1444.6	89
25	1	100	-1.277	-1.279	0.68	0.60	34.284	27.583	29.973	32.337	36.983	49.1	0.052	1443.8	98
25	1	125	-1.372	-1.375	0.61	0.51	34.322	27.617	30.009	32.373	37.022	45.7	0.064	1443.8	123
25	1	150	-1.717	-1.720	0.28	0.17	34.352	27.652	30.049	32.419	37.078	42.1	0.075	1442.6	148
25	1	175	-1.574	-1.578	0.45	0.31	34.391	27.680	30.074	32.441	37.096	39.5	0.085	1443.8	173
25	1	200	-1.389	-1.394	0.65	0.50	34.435	27.710	30.101	32.465	37.114	36.6	0.095	1445.1	197
25	1	225	-1.049	-1.055	1.01	0.84	34.474	27.729	30.115	32.474	37.112	34.9	0.104	1447.2	222
25	1	250	-0.949	-0.956	1.13	0.94	34.502	27.748	30.132	32.490	37.124	33.1	0.112	1448.1	247
25	1	275	-0.933	-0.941	1.17	0.96	34.516	27.759	30.143	32.500	37.134	32.0	0.120	1448.6	271
25	1	300	-1.065	-1.074	1.06	0.83	34.517	27.765	30.151	32.510	37.148	31.3	0.128	1448.4	296
25	1	325	-1.116	-1.125	1.02	0.78	34.527	27.775	30.162	32.521	37.161	30.2	0.136	1448.6	321
25	1	350	-1.185	-1.195	0.97	0.71	34.534	27.783	30.171	32.532	37.173	29.2	0.143	1448.7	345
25	1	375	-1.499	-1.509	0.68	0.40	34.530	27.790	30.183	32.549	37.200	28.1	0.150	1447.6	370
25	1	400	-1.658	-1.668	0.54	0.24	34.532	27.797	30.192	32.560	37.216	27.2	0.157	1447.2	395
25	1	425	-1.605	-1.616	0.61	0.29	34.547	27.807	30.202	32.569	37.224	26.1	0.164	1447.9	419
25	1	450	-1.701	-1.712	0.54	0.20	34.558	27.819	30.215	32.584	37.241	24.8	0.170	1447.9	444
25	1	475	-1.718	-1.730	0.54	0.18	34.591	27.847	30.243	32.611	37.269	22.0	0.176	1448.3	469
25	1	500	-1.834	-1.846	0.44	0.07	34.657	27.904	30.301	32.671	37.332	16.4	0.181	1448.2	494
25	1	538	-1.900	-1.913	0.42	0.01	34.780	28.005	30.403	32.774	37.436	6.6	0.185	1448.7	531

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.185	-175.040	538	3	994	50	5	2.	860	1616	25	JAN	1984	PS	84	2	25

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
25	2	0	-1.361	-1.361	0.52	0.52	34.210	27.526	29.918	32.282	36.932	55.0	0.000	1441.7	0
25	2	10	-1.340	-1.340	0.54	0.54	34.208	27.523	29.915	32.280	36.929	55.1	0.006	1442.0	9
25	2	20	-1.396	-1.396	0.50	0.48	34.207	27.524	29.917	32.282	36.933	55.0	0.011	1441.9	19
25	2	30	-1.377	-1.378	0.52	0.50	34.212	27.528	29.920	32.285	36.935	54.6	0.017	1442.1	29
25	2	40	-1.189	-1.190	0.72	0.69	34.246	27.549	29.938	32.300	36.944	52.6	0.022	1443.2	39
25	2	50	-1.091	-1.092	0.83	0.79	34.269	27.564	29.952	32.312	36.953	51.1	0.027	1443.9	49
25	2	60	-1.084	-1.086	0.84	0.80	34.272	27.567	29.954	32.314	36.955	50.9	0.032	1444.1	59
25	2	70	-1.092	-1.094	0.84	0.79	34.272	27.567	29.954	32.315	36.956	50.8	0.037	1444.2	69
25	2	80	-1.102	-1.104	0.84	0.78	34.271	27.566	29.954	32.315	36.956	50.8	0.042	1444.3	79
25	2	90	-1.141	-1.143	0.81	0.74	34.271	27.568	29.956	32.317	36.960	50.6	0.047	1444.3	89
25	2	100	-1.229	-1.231	0.73	0.65	34.280	27.578	29.968	32.330	36.975	49.5	0.052	1444.1	98
25	2	125	-1.769	-1.772	0.21	0.11	34.306	27.616	30.014	32.385	37.046	45.7	0.064	1441.9	123
25	2	150	-1.298	-1.302	0.70	0.59	34.375	27.658	30.048	32.411	37.057	41.8	0.075	1444.7	148
25	2	175	-1.560	-1.564	0.46	0.33	34.394	27.682	30.076	32.443	37.097	39.3	0.085	1443.9	173
25	2	200	-1.319	-1.324	0.72	0.57	34.432	27.705	30.095	32.458	37.105	37.1	0.095	1445.5	197
25	2	225	-1.144	-1.150	0.92	0.75	34.462	27.723	30.110	32.471	37.112	35.4	0.104	1446.7	222
25	2	250	-0.989	-0.996	1.09	0.90	34.491	27.741	30.126	32.484	37.120	33.8	0.113	1447.9	247
25	2	275	-0.982	-0.990	1.12	0.91	34.510	27.756	30.141	32.498	37.134	32.2	0.121	1448.4	271
25	2	300	-1.055	-1.064	1.07	0.84	34.521	27.768	30.153	32.512	37.150	31.0	0.129	1448.5	296
25	2	325	-1.121	-1.130	1.02	0.77	34.526	27.774	30.161	32.521	37.161	30.2	0.136	1448.6	321
25	2	350	-1.175	-1.185	0.98	0.72	34.531	27.780	30.168	32.529	37.170	29.5	0.144	1448.7	345
25	2	375	-1.492	-1.502	0.69	0.40	34.528	27.789	30.181	32.547	37.198	28.3	0.151	1447.6	370
25	2	400	-1.627	-1.637	0.57	0.27	34.534	27.798	30.192	32.560	37.215	27.2	0.158	1447.4	395
25	2	425	-1.701	-1.711	0.52	0.19	34.542	27.806	30.202	32.571	37.228	26.1	0.165	1447.5	419
25	2	450	-1.716	-1.727	0.52	0.18	34.556	27.818	30.214	32.583	37.241	24.9	0.171	1447.8	444
25	2	475	-1.740	-1.752	0.52	0.16	34.590	27.846	30.243	32.612	37.270	22.0	0.177	1448.2	469
25	2	500	-1.816	-1.828	0.46	0.09	34.651	27.898	30.295	32.666	37.326	16.9	0.182	1448.3	494
25	2	538	-1.899	-1.912	0.42	0.01	34.782	28.007	30.405	32.776	37.437	6.4	0.186	1448.7	531

Potential Temperature (°C)



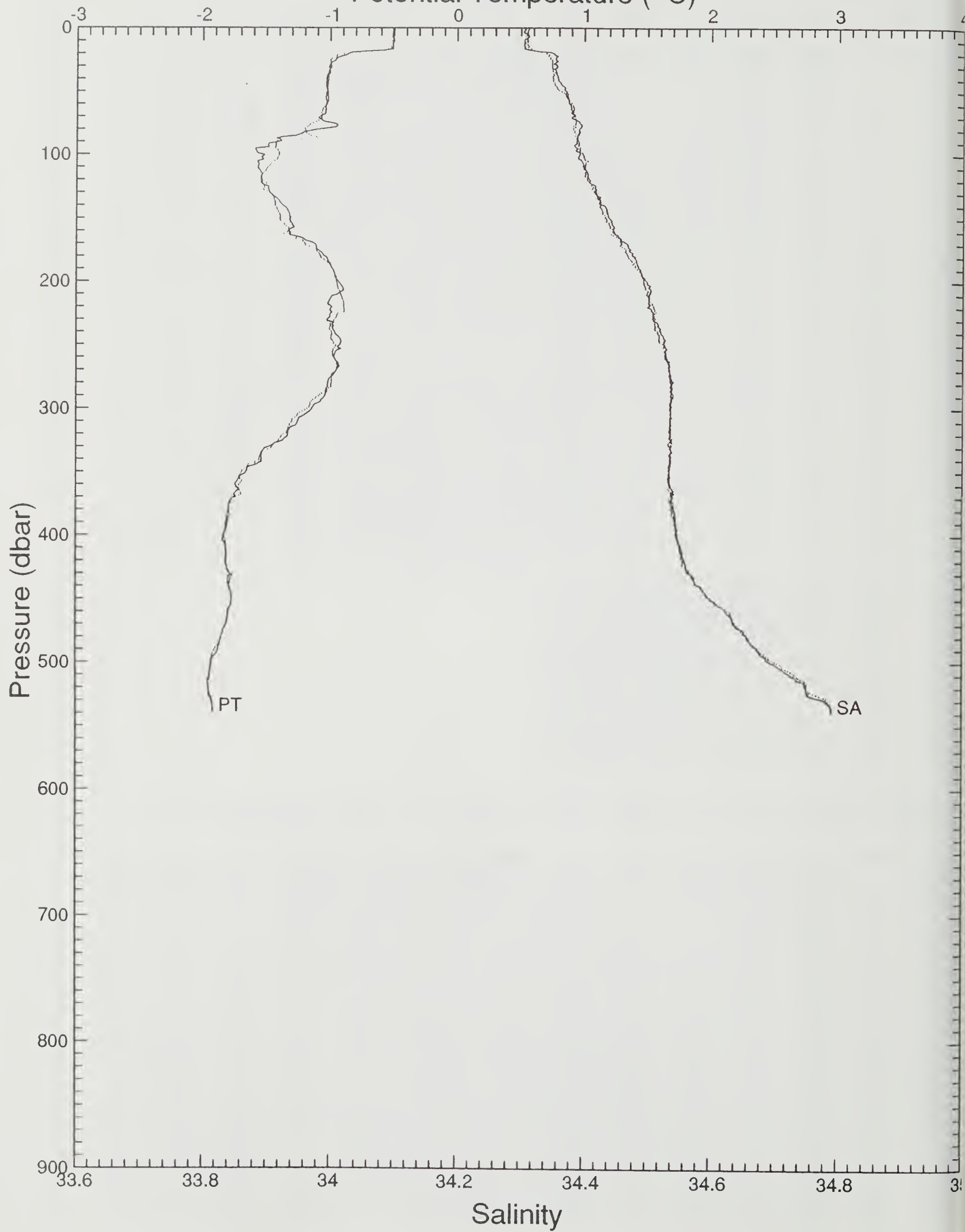
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.802	-173.995	533	3	995	30	5	1.		1900	25	JAN	1984	PS	84	1	26

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
26	1	0	-0.417	-0.417	1.47	1.47	34.312	27.571	29.948	32.298	36.918	50.6	0.000	1446.3	0
26	1	10	-0.418	-0.418	1.47	1.47	34.306	27.566	29.943	32.293	36.914	51.1	0.005	1446.4	9
26	1	20	-0.423	-0.424	1.47	1.46	34.304	27.565	29.942	32.292	36.913	51.2	0.010	1446.6	19
26	1	30	-0.473	-0.474	1.43	1.41	34.316	27.577	29.955	32.306	36.928	50.0	0.015	1446.5	29
26	1	40	-0.701	-0.702	1.21	1.18	34.335	27.602	29.983	32.338	36.966	47.6	0.020	1445.6	39
26	1	50	-0.868	-0.869	1.06	1.02	34.354	27.625	30.008	32.365	36.998	45.4	0.025	1445.1	49
26	1	60	-1.492	-1.493	0.44	0.40	34.382	27.670	30.063	32.429	37.081	41.0	0.029	1442.3	59
26	1	70	-1.589	-1.591	0.35	0.30	34.392	27.681	30.075	32.443	37.098	39.9	0.033	1442.0	69
26	1	80	-1.541	-1.543	0.41	0.35	34.406	27.691	30.084	32.451	37.105	38.9	0.037	1442.4	79
26	1	90	-1.555	-1.557	0.40	0.33	34.415	27.698	30.092	32.459	37.113	38.1	0.041	1442.5	89
26	1	100	-1.393	-1.395	0.57	0.50	34.435	27.710	30.101	32.465	37.114	37.1	0.045	1443.5	98
26	1	125	-1.363	-1.366	0.62	0.53	34.452	27.722	30.113	32.477	37.125	35.8	0.054	1444.1	123
26	1	150	-1.071	-1.075	0.93	0.82	34.486	27.740	30.126	32.485	37.124	34.2	0.063	1445.9	148
26	1	175	-1.001	-1.006	1.02	0.89	34.507	27.754	30.139	32.497	37.133	32.7	0.071	1446.7	173
26	1	200	-0.948	-0.954	1.10	0.95	34.522	27.764	30.148	32.506	37.140	31.7	0.079	1447.3	197
26	1	225	-1.031	-1.037	1.03	0.86	34.522	27.767	30.153	32.511	37.148	31.3	0.087	1447.4	222
26	1	250	-1.355	-1.361	0.73	0.54	34.523	27.780	30.170	32.534	37.181	29.8	0.095	1446.2	247
26	1	275	-1.433	-1.440	0.67	0.46	34.531	27.789	30.181	32.545	37.195	28.8	0.102	1446.3	271
26	1	300	-1.644	-1.651	0.48	0.25	34.528	27.793	30.188	32.556	37.212	28.1	0.109	1445.7	296
26	1	325	-1.725	-1.733	0.42	0.17	34.530	27.797	30.193	32.563	37.221	27.5	0.116	1445.7	321
26	1	350	-1.758	-1.766	0.40	0.14	34.541	27.807	30.204	32.573	37.233	26.4	0.123	1446.0	345
26	1	375	-1.827	-1.836	0.35	0.07	34.546	27.813	30.211	32.582	37.243	25.6	0.129	1446.0	370
26	1	400	-1.793	-1.802	0.41	0.10	34.560	27.823	30.221	32.591	37.251	24.5	0.135	1446.6	395
26	1	425	-1.830	-1.840	0.39	0.07	34.576	27.837	30.235	32.606	37.267	23.0	0.141	1446.9	420
26	1	450	-1.852	-1.863	0.39	0.05	34.632	27.884	30.281	32.652	37.314	18.5	0.147	1447.3	444
26	1	475	-1.929	-1.940	0.33	-0.02	34.695	27.937	30.336	32.708	37.371	13.3	0.150	1447.4	469
26	1	500	-1.908	-1.920	0.38	0.00	34.765	27.993	30.392	32.763	37.425	7.9	0.153	1448.0	494
26	1	533	-1.896	-1.909	0.42	0.02	34.797	28.019	30.417	32.788	37.449	5.3	0.155	1448.6	526

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
26	1	52	-0.904	-0.905	34.356	27.628	8.27									2.07	12	51
26		128	-1.445	-1.448	34.444	27.719	6.37										11	126
26		158	-0.956	-0.960	34.497	27.744	5.93							2.14	1.05	10	156	
26		201	-1.041	-1.047	34.512	27.760	5.98									9	198	
26		260	-1.221	-1.228	34.528	27.779	6.08							2.19	1.06	8	257	
26		305	-1.695	-1.702	34.530	27.796	6.41									7	301	
26		329	-1.763	-1.771	34.532	27.800	6.42							2.55	1.12	6	326	
26		376	-1.734	-1.743	34.550	27.814	6.42									5	372	
26		415	-1.743	-1.753	34.565	27.826	6.40									4	411	
26		481	-1.903	-1.914	34.711	27.949	6.36									3	475	
26		533	-1.895	-1.908	34.792	28.015	6.40							2.59	1.08	1	527	

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.815	-174.018	533	3	995	30	8	2.		1957	25	JAN	1984	PS	84	2	26

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
26	2	0	-0.410	-0.410	1.47	1.47	34.313	27.572	29.948	32.298	36.918	50.6	0.000	1446.3	0
26	2	10	-0.434	-0.434	1.46	1.45	34.313	27.573	29.950	32.300	36.921	50.5	0.005	1446.4	9
26	2	20	-0.436	-0.437	1.46	1.45	34.312	27.572	29.949	32.300	36.920	50.5	0.010	1446.5	19
26	2	30	-0.440	-0.441	1.47	1.44	34.312	27.572	29.949	32.300	36.921	50.5	0.015	1446.7	29
26	2	40	-0.525	-0.526	1.39	1.36	34.325	27.587	29.965	32.317	36.940	49.1	0.020	1446.5	39
26	2	50	-0.757	-0.758	1.17	1.13	34.344	27.612	29.994	32.349	36.979	46.6	0.025	1445.6	49
26	2	60	-1.591	-1.592	0.34	0.30	34.380	27.671	30.066	32.434	37.089	40.9	0.029	1441.8	59
26	2	70	-1.566	-1.568	0.37	0.32	34.389	27.678	30.072	32.439	37.094	40.2	0.033	1442.1	69
26	2	80	-1.596	-1.598	0.35	0.29	34.398	27.686	30.081	32.448	37.104	39.4	0.037	1442.2	79
26	2	90	-1.524	-1.526	0.43	0.36	34.410	27.693	30.087	32.454	37.106	38.6	0.041	1442.7	89
26	2	100	-1.481	-1.483	0.48	0.41	34.417	27.698	30.091	32.456	37.108	38.2	0.045	1443.1	98
26	2	125	-1.442	-1.445	0.54	0.45	34.444	27.718	30.111	32.476	37.126	36.1	0.054	1443.7	123
26	2	150	-1.029	-1.033	0.98	0.86	34.477	27.731	30.116	32.475	37.112	35.0	0.063	1446.1	148
26	2	175	-1.014	-1.019	1.01	0.88	34.503	27.751	30.137	32.495	37.132	33.0	0.072	1446.6	173
26	2	200	-1.063	-1.069	0.98	0.83	34.510	27.759	30.145	32.504	37.142	32.2	0.080	1446.8	197
26	2	225	-0.970	-0.976	1.09	0.93	34.524	27.767	30.151	32.509	37.144	31.4	0.088	1447.6	222
26	2	250	-1.183	-1.190	0.90	0.71	34.529	27.779	30.166	32.527	37.169	30.0	0.096	1447.1	247
26	2	275	-1.331	-1.338	0.77	0.56	34.531	27.786	30.176	32.539	37.185	29.2	0.103	1446.8	271
26	2	300	-1.644	-1.651	0.48	0.25	34.525	27.791	30.186	32.554	37.209	28.3	0.110	1445.7	296
26	2	325	-1.773	-1.780	0.37	0.12	34.528	27.797	30.194	32.564	37.224	27.5	0.117	1445.5	321
26	2	350	-1.720	-1.728	0.44	0.18	34.541	27.806	30.202	32.571	37.229	26.5	0.124	1446.1	345

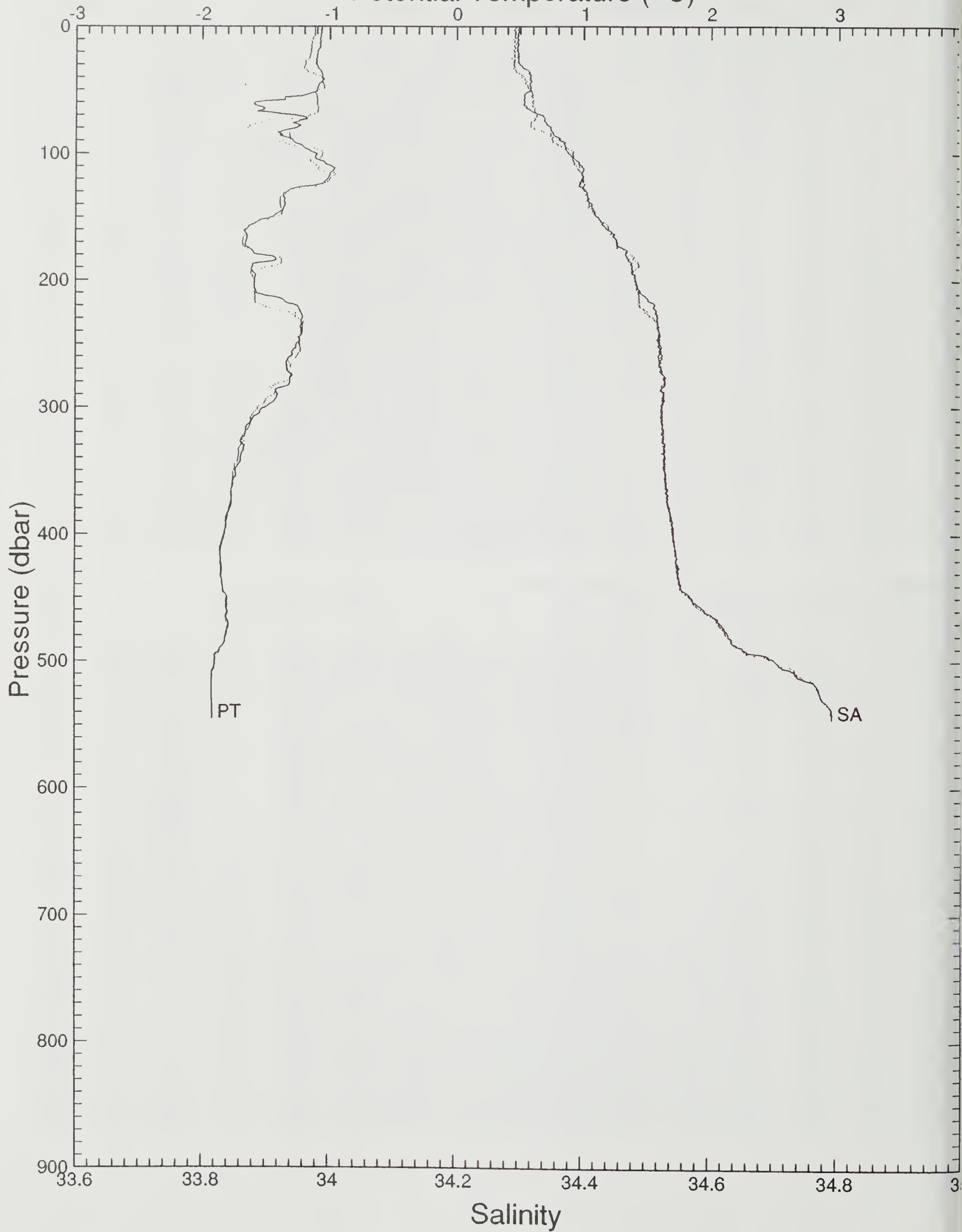
Potential Temperature ($^{\circ}\text{C}$)

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-78.008 -174.432 539 3 995 30 7 2. 2127 25 JAN 1984 PS 84 1 27

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
27	1	0	-0.504	-0.504	1.38	1.38	34.306	27.570	29.948	32.300	36.923	50.7	0.000	1445.9	0
27	1	10	-0.500	-0.500	1.39	1.38	34.305	27.569	29.947	32.299	36.922	50.8	0.005	1446.1	9
27	1	20	-0.861	-0.862	1.04	1.02	34.352	27.623	30.006	32.363	36.996	45.7	0.010	1444.6	19
27	1	30	-0.995	-0.996	0.91	0.89	34.357	27.632	30.018	32.376	37.013	44.8	0.014	1444.1	29
27	1	40	-1.027	-1.028	0.89	0.86	34.359	27.635	30.021	32.380	37.018	44.5	0.019	1444.2	39
27	1	50	-1.019	-1.020	0.91	0.87	34.373	27.646	30.032	32.391	37.029	43.4	0.023	1444.4	49
27	1	60	-1.023	-1.025	0.91	0.86	34.377	27.649	30.035	32.394	37.032	43.0	0.028	1444.5	59
27	1	70	-1.083	-1.085	0.86	0.80	34.381	27.655	30.042	32.402	37.041	42.5	0.032	1444.4	69
27	1	80	-1.103	-1.105	0.84	0.78	34.392	27.665	30.052	32.412	37.052	41.5	0.036	1444.5	79
27	1	90	-1.407	-1.409	0.55	0.48	34.388	27.672	30.064	32.428	37.078	40.7	0.040	1443.2	89
27	1	100	-1.512	-1.514	0.45	0.38	34.393	27.679	30.073	32.439	37.092	39.9	0.044	1442.9	98
27	1	125	-1.480	-1.483	0.50	0.41	34.419	27.699	30.092	32.458	37.110	37.9	0.054	1443.5	123
27	1	150	-1.309	-1.313	0.69	0.58	34.442	27.712	30.103	32.466	37.112	36.6	0.063	1444.7	148
27	1	175	-1.080	-1.085	0.94	0.81	34.472	27.729	30.115	32.474	37.113	35.1	0.072	1446.2	173
27	1	200	-0.920	-0.926	1.12	0.97	34.501	27.746	30.130	32.487	37.121	33.5	0.081	1447.4	197
27	1	225	-0.983	-0.989	1.08	0.91	34.510	27.756	30.141	32.498	37.134	32.4	0.089	1447.6	222
27	1	250	-0.909	-0.916	1.18	0.99	34.529	27.768	30.152	32.509	37.142	31.2	0.097	1448.3	247
27	1	275	-0.977	-0.985	1.13	0.92	34.538	27.778	30.163	32.521	37.156	30.1	0.105	1448.4	271
27	1	300	-1.128	-1.136	0.99	0.77	34.537	27.783	30.170	32.530	37.170	29.5	0.112	1448.1	296
27	1	325	-1.354	-1.363	0.79	0.54	34.540	27.794	30.184	32.548	37.194	28.2	0.119	1447.5	321
27	1	350	-1.645	-1.653	0.51	0.25	34.537	27.800	30.195	32.563	37.219	27.1	0.126	1446.5	345
27	1	375	-1.775	-1.784	0.40	0.12	34.543	27.809	30.206	32.576	37.236	26.0	0.133	1446.3	370
27	1	400	-1.819	-1.828	0.38	0.08	34.550	27.816	30.214	32.584	37.245	25.2	0.139	1446.5	395
27	1	425	-1.790	-1.800	0.43	0.11	34.564	27.827	30.224	32.594	37.254	24.1	0.145	1447.1	419
27	1	450	-1.751	-1.762	0.49	0.15	34.602	27.856	30.253	32.622	37.281	21.2	0.151	1447.7	444
27	1	475	-1.821	-1.832	0.44	0.08	34.655	27.902	30.299	32.669	37.329	16.8	0.156	1447.9	469
27	1	500	-1.911	-1.923	0.37	-0.01	34.697	27.938	30.337	32.708	37.371	13.1	0.160	1447.9	494
27	1	539	-1.897	-1.910	0.42	0.01	34.792	28.015	30.413	32.784	37.445	5.7	0.163	1448.7	532

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-78.008 -174.435 539 3 995 30 7 2. 2158 25 JAN 1984 PS 84 2 27

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
27	2	0	-0.507	-0.507	1.38	1.38	34.312	27.575	29.953	32.305	36.928	50.3	0.000	1445.9	0
27	2	10	-0.514	-0.514	1.38	1.37	34.310	27.574	29.952	32.304	36.927	50.4	0.005	1446.0	9
27	2	20	-0.893	-0.894	1.01	0.99	34.340	27.614	29.998	32.355	36.990	46.5	0.010	1444.4	19
27	2	30	-1.009	-1.010	0.90	0.88	34.349	27.626	30.012	32.371	37.008	45.3	0.015	1444.1	29
27	2	40	-1.015	-1.016	0.90	0.87	34.351	27.628	30.014	32.373	37.011	45.1	0.019	1444.2	39
27	2	50	-1.022	-1.023	0.90	0.86	34.364	27.639	30.025	32.384	37.022	44.1	0.023	1444.3	49
27	2	60	-1.028	-1.030	0.90	0.86	34.379	27.651	30.037	32.396	37.034	42.9	0.028	1444.5	59
27	2	70	-1.065	-1.067	0.88	0.82	34.385	27.657	30.044	32.403	37.043	42.2	0.032	1444.5	69
27	2	80	-1.192	-1.194	0.76	0.70	34.383	27.660	30.049	32.410	37.053	41.9	0.036	1444.1	79
27	2	90	-1.423	-1.425	0.53	0.46	34.392	27.676	30.068	32.433	37.083	40.3	0.040	1443.1	89
27	2	100	-1.398	-1.400	0.57	0.49	34.399	27.681	30.072	32.437	37.086	39.8	0.044	1443.4	98
27	2	125	-1.511	-1.514	0.47	0.38	34.415	27.697	30.090	32.457	37.109	38.1	0.054	1443.3	123
27	2	150	-1.386	-1.390	0.62	0.50	34.436	27.710	30.101	32.466	37.114	36.8	0.064	1444.3	148
27	2	175	-1.097	-1.102	0.93	0.79	34.467	27.725	30.112	32.472	37.111	35.4	0.073	1446.2	173
27	2	200	-0.936	-0.942	1.11	0.96	34.495	27.742	30.126	32.483	37.117	33.8	0.081	1447.4	197
27	2	225	-0.925	-0.932	1.14	0.97	34.513	27.756	30.140	32.497	37.131	32.4	0.089	1447.8	222
27	2	250	-0.940	-0.947	1.14	0.96	34.528	27.769	30.153	32.510	37.144	31.1	0.097	1448.2	247
27	2	275	-0.971	-0.979	1.13	0.92	34.537	27.777	30.162	32.519	37.155	30.2	0.105	1448.5	271
27	2	300	-1.163	-1.171	0.96	0.73	34.539	27.786	30.174	32.534	37.175	29.1	0.112	1448.0	296
27	2	325	-1.390	-1.398	0.75	0.51	34.540	27.795	30.186	32.550	37.198	28.0	0.120	1447.3	321
27	2	350	-1.676	-1.684	0.48	0.22	34.537	27.801	30.197	32.565	37.222	27.0	0.127	1446.3	345
27	2	375	-1.767	-1.776	0.41	0.13	34.539	27.806	30.202	32.572	37.232	26.4	0.133	1446.3	370
27	2	400	-1.815	-1.824	0.38	0.08	34.548	27.814	30.212	32.583	37.243	25.4	0.140	1446.5	395
27	2	425	-1.790	-1.800	0.43	0.11	34.563	27.826	30.223	32.593	37.253	24.2	0.146	1447.1	419
27	2	450	-1.751	-1.762	0.49	0.15	34.604	27.858	30.254	32.624	37.282	21.1	0.151	1447.7	444
27	2	475	-1.817	-1.828	0.44	0.09	34.651	27.898	30.295	32.666	37.326	17.1	0.156	1447.9	469
27	2	500	-1.912	-1.924	0.37	-0.01	34.707	27.946	30.345	32.716	37.379	12.3	0.160	1447.9	494
27	2	539	-1.897	-1.910	0.42	0.01	34.792	28.015	30.413	32.784	37.445	5.7	0.163	1448.7	532

Potential Temperature ($^{\circ}\text{C}$)

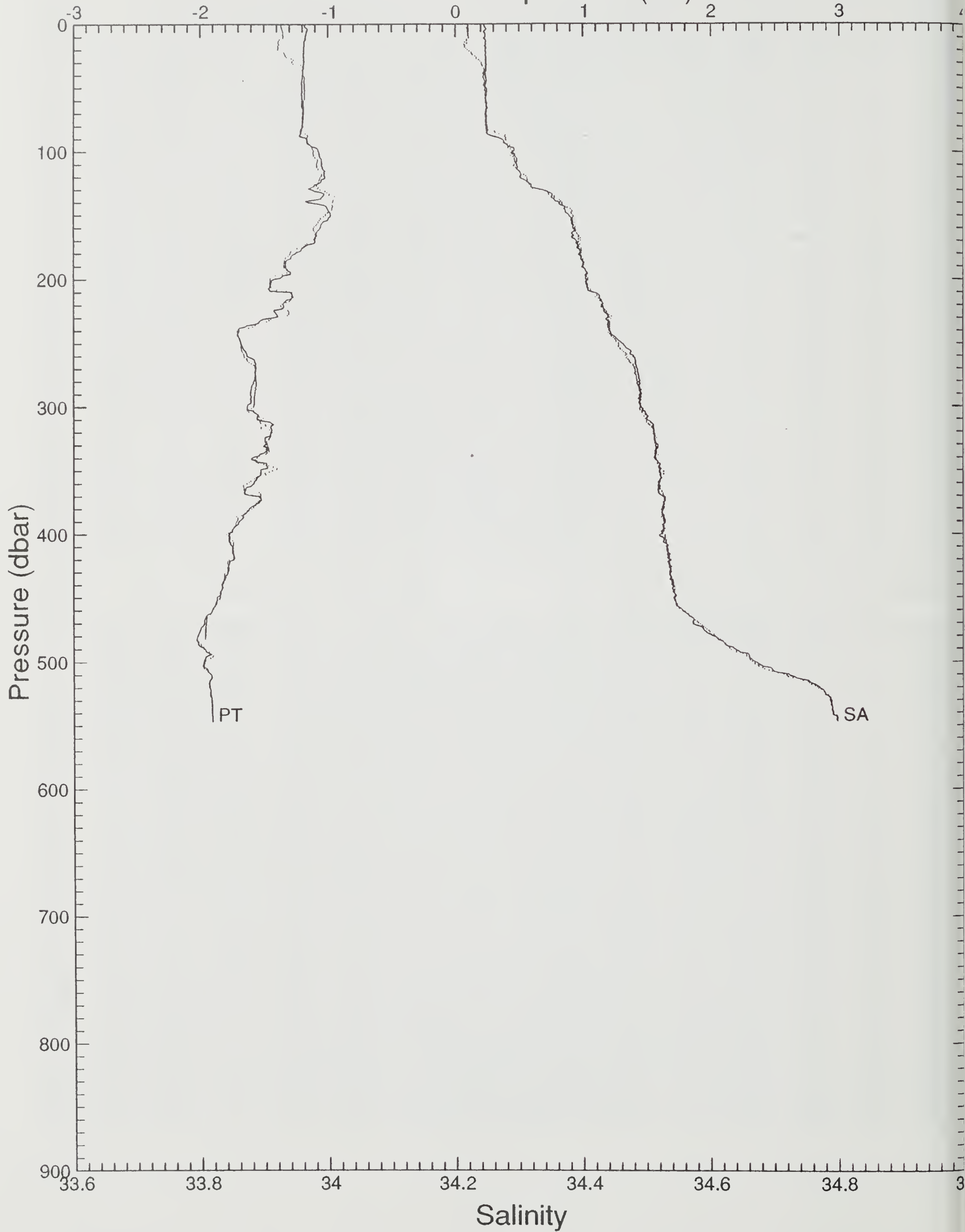
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.132	-174.665	546	5	995	40	7	2.		2242	25	JAN	1984	PS	84	1	28

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
28	1	0	-1.066	-1.066	0.82	0.82	34.300	27.589	29.975	32.335	36.975	49.0	0.000	1443.2	0
28	1	10	-1.079	-1.079	0.81	0.80	34.297	27.587	29.974	32.334	36.974	49.2	0.005	1443.3	9
28	1	20	-1.097	-1.098	0.80	0.78	34.297	27.587	29.975	32.335	36.976	49.1	0.010	1443.4	19
28	1	30	-1.105	-1.106	0.80	0.78	34.299	27.589	29.977	32.337	36.978	48.8	0.015	1443.5	29
28	1	40	-1.056	-1.057	0.86	0.83	34.316	27.601	29.988	32.347	36.987	47.7	0.020	1444.0	39
28	1	50	-1.101	-1.102	0.82	0.78	34.316	27.603	29.990	32.351	36.991	47.5	0.024	1443.9	49
28	1	60	-1.581	-1.582	0.35	0.30	34.307	27.611	30.006	32.374	37.030	46.5	0.029	1441.8	59
28	1	70	-1.271	-1.273	0.67	0.61	34.336	27.625	30.015	32.378	37.024	45.2	0.034	1443.5	69
28	1	80	-1.259	-1.261	0.69	0.63	34.348	27.634	30.024	32.387	37.032	44.3	0.038	1443.7	79
28	1	90	-1.285	-1.287	0.67	0.60	34.366	27.650	30.040	32.403	37.049	42.8	0.042	1443.8	89
28	1	100	-1.093	-1.096	0.87	0.79	34.378	27.653	30.040	32.400	37.040	42.5	0.047	1444.8	98
28	1	125	-1.125	-1.128	0.86	0.76	34.393	27.666	30.054	32.414	37.055	41.2	0.057	1445.1	123
28	1	150	-1.456	-1.460	0.55	0.43	34.425	27.704	30.096	32.461	37.112	37.4	0.067	1444.0	148
28	1	175	-1.618	-1.622	0.41	0.27	34.467	27.743	30.137	32.505	37.161	33.5	0.076	1443.7	173
28	1	200	-1.577	-1.582	0.47	0.32	34.484	27.755	30.149	32.516	37.170	32.2	0.084	1444.3	197
28	1	225	-1.214	-1.220	0.85	0.68	34.516	27.769	30.158	32.519	37.162	31.0	0.092	1446.5	222
28	1	250	-1.248	-1.255	0.84	0.65	34.522	27.775	30.164	32.526	37.170	30.3	0.100	1446.7	247
28	1	275	-1.288	-1.295	0.81	0.61	34.530	27.783	30.173	32.535	37.180	29.4	0.107	1447.0	271
28	1	300	-1.489	-1.496	0.63	0.41	34.526	27.787	30.179	32.545	37.196	28.8	0.114	1446.4	296
28	1	325	-1.674	-1.682	0.47	0.22	34.528	27.794	30.189	32.558	37.215	27.8	0.121	1445.9	321
28	1	350	-1.721	-1.729	0.44	0.17	34.531	27.798	30.194	32.563	37.221	27.3	0.128	1446.1	345
28	1	375	-1.757	-1.766	0.42	0.14	34.536	27.803	30.200	32.569	37.229	26.6	0.135	1446.4	370
28	1	400	-1.804	-1.813	0.39	0.09	34.544	27.811	30.208	32.579	37.239	25.7	0.142	1446.6	395
28	1	425	-1.825	-1.835	0.39	0.07	34.552	27.818	30.216	32.586	37.248	24.9	0.148	1446.9	419
28	1	450	-1.776	-1.787	0.46	0.12	34.574	27.834	30.231	32.601	37.261	23.2	0.154	1447.6	444
28	1	475	-1.779	-1.791	0.48	0.12	34.625	27.876	30.273	32.642	37.302	19.2	0.159	1448.0	469
28	1	500	-1.875	-1.887	0.41	0.03	34.705	27.944	30.342	32.713	37.374	12.6	0.163	1448.1	494
28	1	545	-1.894	-1.907	0.43	0.02	34.793	28.016	30.414	32.785	37.446	5.6	0.167	1448.8	538

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.143	-174.710	546	5	995	60	7	2.	8950	2312	25	JAN	1984	PS	84	2	28

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
28	2	0	-1.117	-1.117	0.76	0.76	34.294	27.586	29.973	32.334	36.975	49.3	0.000	1443.0	0
28	2	10	-1.135	-1.135	0.75	0.75	34.289	27.582	29.970	32.331	36.973	49.6	0.005	1443.1	9
28	2	20	-1.147	-1.147	0.75	0.73	34.291	27.584	29.972	32.334	36.976	49.3	0.010	1443.2	19
28	2	30	-1.191	-1.192	0.71	0.69	34.289	27.584	29.973	32.335	36.979	49.3	0.015	1443.1	29
28	2	40	-1.065	-1.066	0.85	0.82	34.302	27.590	29.977	32.337	36.977	48.7	0.020	1443.9	39
28	2	50	-1.085	-1.086	0.84	0.80	34.317	27.603	29.990	32.350	36.991	47.4	0.025	1444.0	49
28	2	60	-1.096	-1.098	0.83	0.79	34.319	27.605	29.992	32.353	36.993	47.2	0.029	1444.1	59
28	2	70	-1.152	-1.154	0.78	0.73	34.326	27.613	30.001	32.362	37.004	46.4	0.034	1444.0	69
28	2	80	-1.640	-1.642	0.30	0.24	34.322	27.625	30.021	32.390	37.047	45.1	0.039	1441.8	79
28	2	90	-1.364	-1.366	0.59	0.52	34.352	27.641	30.032	32.397	37.045	43.6	0.043	1443.4	89
28	2	100	-1.052	-1.055	0.91	0.83	34.383	27.655	30.042	32.401	37.040	42.3	0.047	1445.0	98
28	2	125	-1.106	-1.109	0.88	0.78	34.401	27.672	30.059	32.419	37.060	40.6	0.058	1445.2	123
28	2	150	-1.433	-1.437	0.57	0.46	34.425	27.703	30.095	32.460	37.110	37.5	0.067	1444.1	148
28	2	175	-1.633	-1.637	0.39	0.26	34.464	27.741	30.136	32.504	37.160	33.7	0.076	1443.6	173
28	2	200	-1.580	-1.585	0.46	0.31	34.482	27.754	30.148	32.515	37.169	32.3	0.085	1444.3	197
28	2	225	-1.306	-1.312	0.76	0.59	34.499	27.759	30.148	32.511	37.157	31.9	0.093	1446.0	222
28	2	250	-1.223	-1.230	0.86	0.67	34.523	27.775	30.164	32.525	37.168	30.3	0.100	1446.9	247
28	2	275	-1.275	-1.282	0.83	0.62	34.530	27.783	30.172	32.534	37.179	29.5	0.108	1447.0	271
28	2	300	-1.547	-1.554	0.57	0.35	34.526	27.789	30.182	32.548	37.201	28.6	0.115	1446.1	296
28	2	325	-1.671	-1.679	0.47	0.22	34.527	27.793	30.188	32.557	37.213	27.9	0.122	1446.0	321
28	2	350	-1.735	-1.743	0.42	0.16	34.531	27.798	30.195	32.564	37.223	27.2	0.129	1446.1	345
28	2	375	-1.750	-1.759	0.43	0.15	34.536	27.803	30.199	32.569	37.228	26.7	0.136	1446.4	370
28	2	400	-1.809	-1.818	0.39	0.09	34.544	27.811	30.208	32.579	37.240	25.7	0.142	1446.5	395
28	2	425	-1.831	-1.841	0.39	0.07	34.550	27.816	30.214	32.585	37.246	25.0	0.149	1446.8	419
28	2	450	-1.785	-1.796	0.45	0.11	34.571	27.832	30.229	32.599	37.259	23.4	0.155	1447.5	444
28	2	475	-1.774	-1.786	0.48	0.13	34.623	27.874	30.271	32.641	37.300	19.4	0.160	1448.0	469
28	2	500	-1.878	-1.890	0.40	0.03	34.705	27.944	30.342	32.713	37.374	12.6	0.164	1448.1	494
28	2	545	-1.894	-1.907	0.43	0.02	34.793	28.016	30.414	32.785	37.446	5.6	0.168	1448.8	538

Potential Temperature (°C)

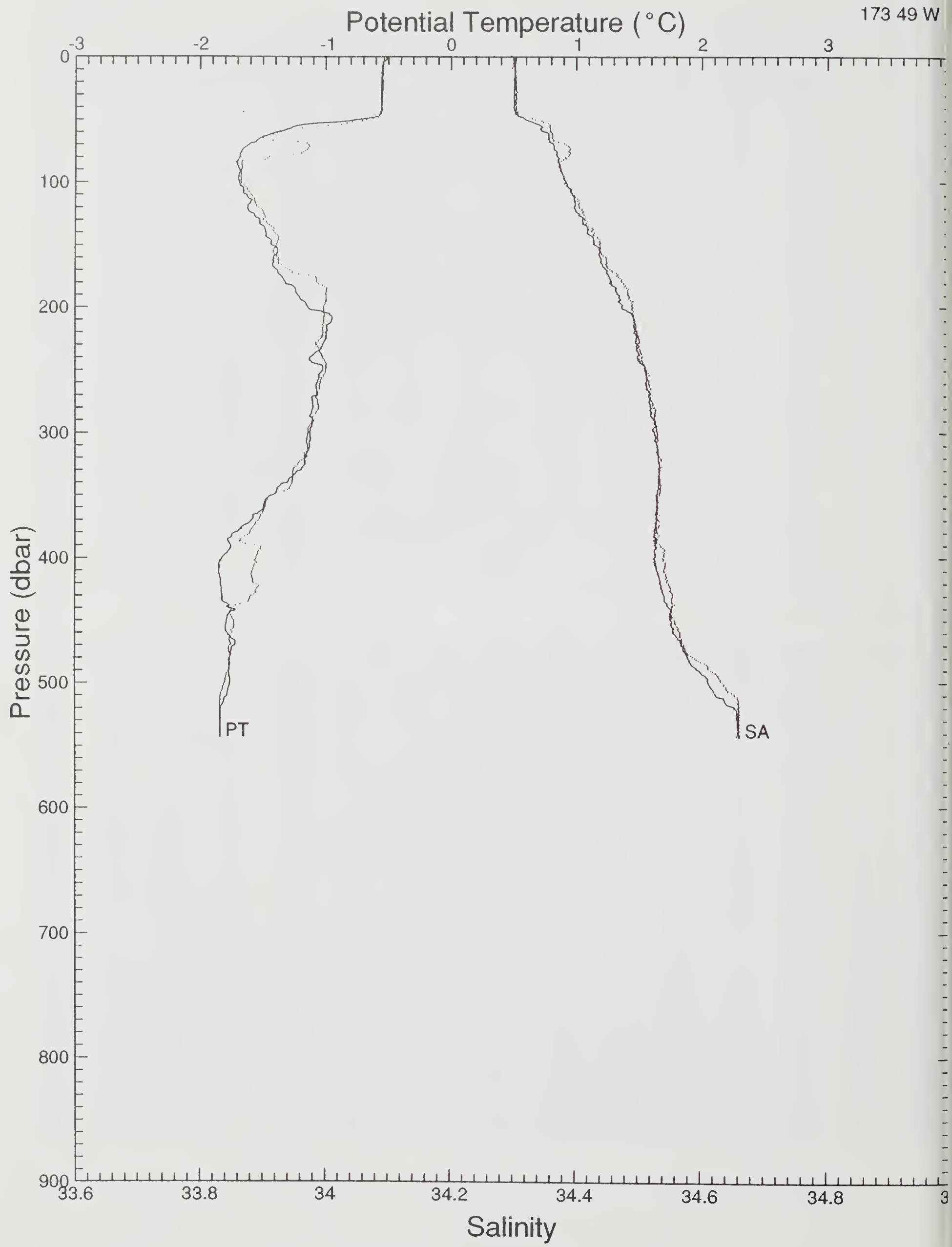


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.202	-174.708	550	6	997	90	3	3.	620	0521	26	JAN	1984	PS	84	1	29

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
29	1	0	-1.181	-1.181	0.70	0.70	34.246	27.549	29.938	32.300	36.943	52.8	0.000	1442.6	0
29	1	10	-1.175	-1.175	0.71	0.70	34.247	27.549	29.938	32.300	36.944	52.7	0.005	1442.8	9
29	1	20	-1.187	-1.187	0.71	0.69	34.247	27.550	29.939	32.301	36.945	52.6	0.011	1442.9	19
29	1	30	-1.186	-1.187	0.72	0.69	34.248	27.551	29.940	32.302	36.946	52.5	0.016	1443.1	29
29	1	40	-1.195	-1.196	0.71	0.68	34.247	27.550	29.939	32.301	36.946	52.5	0.021	1443.2	39
29	1	50	-1.201	-1.202	0.72	0.68	34.249	27.552	29.941	32.303	36.948	52.2	0.026	1443.3	49
29	1	60	-1.198	-1.199	0.73	0.68	34.248	27.551	29.940	32.302	36.947	52.3	0.032	1443.5	59
29	1	70	-1.196	-1.198	0.74	0.68	34.248	27.551	29.940	32.302	36.947	52.2	0.037	1443.7	69
29	1	80	-1.192	-1.194	0.75	0.69	34.249	27.552	29.941	32.303	36.947	52.1	0.042	1443.9	79
29	1	90	-1.163	-1.165	0.78	0.72	34.273	27.570	29.959	32.320	36.963	50.4	0.047	1444.2	89
29	1	100	-1.068	-1.071	0.89	0.81	34.291	27.581	29.968	32.328	36.968	49.3	0.052	1444.8	98
29	1	125	-1.071	-1.074	0.91	0.81	34.319	27.604	29.991	32.351	36.991	47.0	0.064	1445.3	123
29	1	150	-0.973	-0.977	1.03	0.91	34.379	27.649	30.034	32.393	37.029	42.7	0.075	1446.2	148
29	1	175	-1.177	-1.182	0.84	0.71	34.392	27.667	30.056	32.417	37.059	40.8	0.086	1445.7	173
29	1	200	-1.419	-1.424	0.62	0.47	34.405	27.686	30.078	32.443	37.093	38.8	0.096	1445.0	197
29	1	225	-1.411	-1.417	0.65	0.48	34.434	27.709	30.101	32.466	37.115	36.5	0.105	1445.4	222
29	1	250	-1.671	-1.677	0.41	0.22	34.462	27.740	30.136	32.505	37.162	33.3	0.114	1444.6	247
29	1	275	-1.561	-1.568	0.54	0.33	34.488	27.758	30.152	32.519	37.172	31.6	0.122	1445.6	271
29	1	300	-1.625	-1.632	0.49	0.27	34.492	27.763	30.158	32.526	37.181	30.9	0.130	1445.7	296
29	1	325	-1.482	-1.490	0.66	0.41	34.513	27.776	30.168	32.534	37.185	29.7	0.137	1446.8	321
29	1	350	-1.515	-1.524	0.64	0.38	34.522	27.784	30.177	32.543	37.195	28.8	0.145	1447.1	345
29	1	375	-1.530	-1.539	0.65	0.36	34.528	27.790	30.183	32.549	37.201	28.1	0.152	1447.4	370
29	1	400	-1.761	-1.770	0.44	0.13	34.525	27.794	30.191	32.561	37.220	27.3	0.159	1446.7	395
29	1	425	-1.770	-1.780	0.45	0.13	34.537	27.804	30.201	32.571	37.231	26.2	0.165	1447.1	419
29	1	450	-1.858	-1.868	0.38	0.04	34.544	27.812	30.211	32.582	37.244	25.2	0.172	1447.1	444
29	1	475	-1.989	-2.000	0.27	-0.09	34.590	27.853	30.253	32.626	37.292	21.1	0.178	1447.0	469
29	1	500	-1.960	-1.972	0.32	-0.06	34.670	27.917	30.317	32.689	37.354	14.9	0.182	1447.6	494
29	1	547	-1.893	-1.906	0.43	0.02	34.799	28.021	30.418	32.789	37.450	5.1	0.187	1448.9	540

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.203	-174.717	550	6	997	90	3	2.	290	0543	26	JAN	1984	PS	84	2	29

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
29	2	0	-1.365	-1.365	0.51	0.51	34.221	27.535	29.927	32.292	36.941	54.1	0.000	1441.7	0
29	2	10	-1.349	-1.349	0.54	0.53	34.221	27.534	29.926	32.291	36.940	54.1	0.005	1442.0	9
29	2	20	-1.392	-1.392	0.50	0.49	34.219	27.534	29.926	32.292	36.942	54.1	0.011	1441.9	19
29	2	30	-1.281	-1.282	0.62	0.60	34.241	27.548	29.939	32.302	36.949	52.7	0.016	1442.6	29
29	2	40	-1.191	-1.192	0.72	0.69	34.245	27.548	29.937	32.300	36.944	52.6	0.021	1443.2	39
29	2	50	-1.180	-1.181	0.74	0.70	34.247	27.550	29.939	32.300	36.944	52.5	0.027	1443.4	49
29	2	60	-1.186	-1.187	0.74	0.69	34.251	27.553	29.942	32.304	36.948	52.1	0.032	1443.6	59
29	2	70	-1.187	-1.189	0.74	0.69	34.247	27.550	29.939	32.301	36.945	52.4	0.037	1443.7	69
29	2	80	-1.201	-1.203	0.74	0.68	34.251	27.554	29.943	32.305	36.950	52.0	0.042	1443.8	79
29	2	90	-1.160	-1.162	0.79	0.72	34.279	27.575	29.963	32.325	36.968	49.9	0.047	1444.2	89
29	2	100	-1.109	-1.112	0.85	0.77	34.289	27.581	29.969	32.330	36.971	49.3	0.052	1444.6	98
29	2	125	-1.080	-1.083	0.90	0.80	34.316	27.602	29.989	32.349	36.990	47.2	0.065	1445.2	123
29	2	150	-1.014	-1.018	0.99	0.87	34.385	27.656	30.041	32.400	37.038	42.1	0.076	1446.0	148
29	2	175	-1.195	-1.200	0.82	0.69	34.395	27.670	30.059	32.420	37.064	40.5	0.086	1445.6	173
29	2	200	-1.447	-1.452	0.59	0.44	34.408	27.689	30.082	32.447	37.098	38.5	0.096	1444.8	197
29	2	225	-1.298	-1.304	0.76	0.59	34.438	27.709	30.099	32.462	37.108	36.6	0.105	1446.0	222
29	2	250	-1.671	-1.677	0.41	0.22	34.457	27.736	30.132	32.501	37.158	33.7	0.114	1444.6	247
29	2	275	-1.557	-1.564	0.54	0.34	34.484	27.755	30.148	32.515	37.169	31.9	0.122	1445.6	271
29	2	300	-1.575	-1.582	0.54	0.32	34.492	27.762	30.156	32.523	37.177	31.1	0.130	1446.0	296
29	2	325	-1.452	-1.460	0.69	0.44	34.517	27.778	30.170	32.535	37.185	29.5	0.138	1447.0	321
29	2	350	-1.425	-1.434	0.73	0.47	34.522	27.781	30.173	32.538	37.187	29.1	0.145	1447.5	345
29	2	375	-1.554	-1.563	0.62	0.34	34.527	27.790	30.183	32.550	37.203	28.1	0.152	1447.3	370
29	2	400	-1.786	-1.795	0.41	0.11	34.526	27.796	30.193	32.563	37.223	27.1	0.159	1446.6	395
29	2	425	-1.770	-1.780	0.45	0.13	34.538	27.805	30.202	32.572	37.231	26.2	0.166	1447.1	419
29	2	450	-1.833	-1.844	0.40	0.06	34.546	27.813	30.211	32.582	37.244	25.2	0.172	1447.2	444
29	2	475	-1.949	-1.960	0.31	-0.05	34.595	27.856	30.256	32.628	37.293	20.8	0.178	1447.2	469
29	2	500	-1.962	-1.974	0.32	-0.06	34.666	27.914	30.314	32.686	37.351	15.2	0.182	1447.6	494
29	2	547	-1.893	-1.906	0.43	0.02	34.799	28.021	30.418	32.789	37.450	5.1	0.187	1448.9	540



LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-78.200 -173.815 543 3 997 60 3 3. 1500 0726 26 JAN 1984 PS 84 1 30

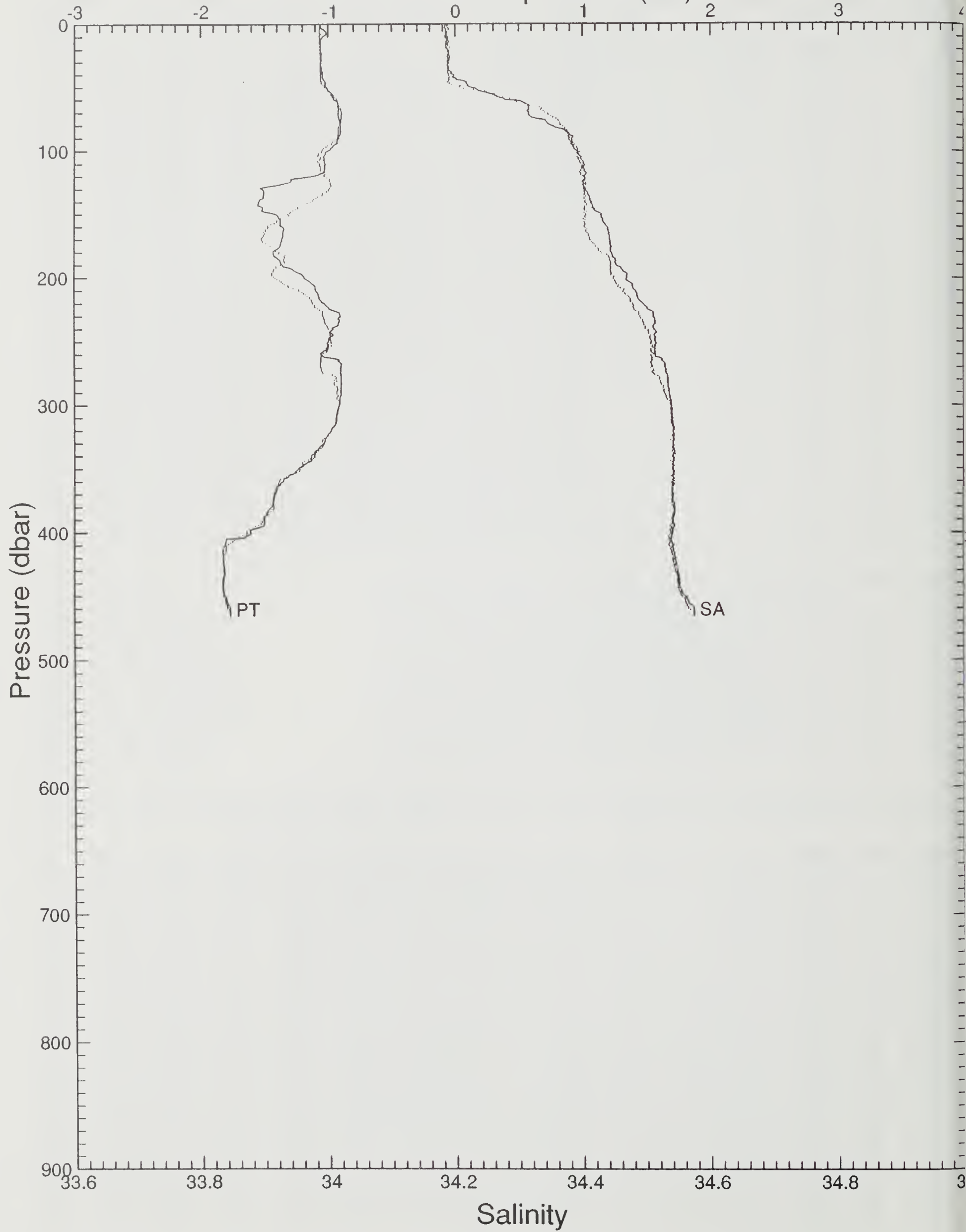
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
30	1	0	-0.515	-0.515	1.37	1.37	34.302	27.568	29.946	32.297	36.921	51.0	0.000	1445.8	0
30	1	10	-0.546	-0.546	1.34	1.34	34.302	27.569	29.948	32.300	36.924	50.8	0.005	1445.8	9
30	1	20	-0.545	-0.546	1.35	1.34	34.302	27.569	29.948	32.300	36.924	50.8	0.010	1446.0	19
30	1	30	-0.546	-0.547	1.36	1.34	34.302	27.569	29.948	32.300	36.924	50.8	0.015	1446.2	29
30	1	40	-0.553	-0.554	1.36	1.33	34.300	27.568	29.947	32.299	36.923	50.9	0.020	1446.3	39
30	1	50	-0.755	-0.756	1.17	1.13	34.320	27.593	29.975	32.330	36.960	48.5	0.025	1445.5	49
30	1	60	-1.389	-1.390	0.54	0.50	34.352	27.642	30.034	32.398	37.048	43.7	0.030	1442.8	59
30	1	70	-1.610	-1.611	0.33	0.28	34.364	27.659	30.054	32.422	37.078	42.0	0.034	1441.9	69
30	1	80	-1.678	-1.680	0.27	0.21	34.371	27.666	30.062	32.432	37.090	41.2	0.038	1441.7	79
30	1	90	-1.681	-1.683	0.27	0.21	34.376	27.670	30.067	32.436	37.094	40.7	0.043	1441.9	89
30	1	100	-1.684	-1.686	0.28	0.20	34.384	27.677	30.073	32.442	37.100	40.1	0.047	1442.0	98
30	1	125	-1.562	-1.565	0.42	0.33	34.407	27.692	30.086	32.454	37.108	38.5	0.056	1443.1	123
30	1	150	-1.425	-1.429	0.58	0.46	34.433	27.709	30.101	32.466	37.116	36.9	0.066	1444.2	148
30	1	175	-1.339	-1.343	0.68	0.55	34.455	27.724	30.115	32.478	37.125	35.4	0.075	1445.0	173
30	1	200	-1.129	-1.134	0.91	0.76	34.474	27.732	30.119	32.479	37.120	34.6	0.084	1446.4	197
30	1	225	-0.984	-0.990	1.08	0.91	34.497	27.745	30.130	32.488	37.124	33.4	0.092	1447.5	222
30	1	250	-1.009	-1.016	1.07	0.89	34.512	27.759	30.144	32.502	37.138	32.1	0.100	1447.9	247
30	1	275	-1.088	-1.096	1.01	0.81	34.518	27.766	30.153	32.512	37.151	31.2	0.108	1447.9	271
30	1	300	-1.109	-1.117	1.01	0.79	34.527	27.775	30.161	32.521	37.160	30.3	0.116	1448.2	296
30	1	325	-1.145	-1.154	1.00	0.75	34.535	27.782	30.169	32.530	37.170	29.4	0.123	1448.5	321
30	1	350	-1.402	-1.411	0.76	0.49	34.529	27.786	30.178	32.542	37.190	28.7	0.131	1447.6	345
30	1	375	-1.643	-1.652	0.53	0.25	34.530	27.795	30.190	32.558	37.213	27.5	0.138	1446.9	370
30	1	400	-1.809	-1.818	0.39	0.09	34.526	27.796	30.194	32.564	37.225	27.1	0.144	1446.5	395
30	1	425	-1.810	-1.820	0.41	0.09	34.540	27.808	30.205	32.576	37.237	25.8	0.151	1446.9	419
30	1	450	-1.771	-1.782	0.47	0.13	34.554	27.818	30.215	32.585	37.244	24.8	0.157	1447.5	444
30	1	475	-1.736	-1.748	0.52	0.16	34.576	27.835	30.231	32.600	37.259	23.1	0.163	1448.2	469
30	1	500	-1.742	-1.754	0.54	0.16	34.613	27.865	30.261	32.631	37.289	20.1	0.169	1448.6	494
30	1	543	-1.820	-1.833	0.49	0.08	34.662	27.907	30.304	32.675	37.335	15.8	0.176	1449.0	536

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
30	1	3	-0.536	-0.536	34.304	27.570	8.71	14.6	1.24	64.2						2.51	12	3
30		84	-1.665	-1.667	34.390	27.681	7.03	25.1	1.97	68.0					3.55	1.68	11	83
30	1	155	-1.409	-1.413	34.440	27.714	6.52	27.5	2.13	69.7					3.08	1.48	10	153
30		214	-1.011	-1.017	34.494	27.744	6.03	30.2	2.20	79.7					2.13	1.13	9	212
30		264	-1.035	-1.043	34.519	27.765	6.05	30.3	2.19	80.6					2.11	1.06	8	261
30		317	-1.145	-1.154	34.533	27.781	6.09	30.2	2.18	80.7					2.18	1.10	7	314
30		420	-1.555	-1.566	34.549	27.808	6.27	30.1	2.17	78.6							6	415
30		460	-1.725	-1.736	34.565	27.826	6.47	30.0	2.17	76.6					2.62	1.26	5	454
30		520	-1.819	-1.832	34.660	27.906	6.36	30.3	2.23	81.4					2.34	1.24	4	514
30		537	-1.819	-1.832	34.658	27.904	6.36	30.4	2.23	81.4					2.35	1.20	3	530
30		538	-1.820	-1.833	34.662	27.907	6.35	30.3	2.23	81.3					2.32	1.10	1	531

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-78.208 -173.860 543 3 997 60 3 2. 1500 0823 26 JAN 1984 PS 84 2 30

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
30	2	0	-0.536	-0.536	1.35	1.35	34.305	27.571	29.950	32.301	36.925	50.7	0.000	1445.7	0
30	2	10	-0.554	-0.554	1.34	1.33	34.303	27.570	29.949	32.301	36.926	50.7	0.005	1445.8	9
30	2	20	-0.555	-0.556	1.34	1.33	34.304	27.571	29.950	32.302	36.927	50.6	0.010	1446.0	19
30	2	30	-0.558	-0.559	1.35	1.32	34.304	27.571	29.950	32.302	36.927	50.6	0.015	1446.1	29
30	2	40	-0.556	-0.557	1.36	1.33	34.304	27.571	29.950	32.302	36.927	50.6	0.020	1446.3	39
30	2	50	-0.673	-0.674	1.25	1.21	34.335	27.601	29.982	32.336	36.964	47.7	0.025	1445.9	49
30	2	60	-1.353	-1.354	0.58	0.53	34.360	27.647	30.038	32.402	37.051	43.2	0.030	1442.9	59
30	2	70	-1.133	-1.135	0.81	0.75	34.385	27.660	30.047	32.408	37.049	42.0	0.034	1444.2	69
30	2	80	-1.445	-1.447	0.50	0.44	34.383	27.669	30.061	32.427	37.078	41.0	0.038	1442.9	79
30	2	90	-1.665	-1.667	0.29	0.22	34.376	27.670	30.066	32.435	37.092	40.8	0.042	1442.0	89
30	2	100	-1.671	-1.673	0.29	0.22	34.384	27.677	30.073	32.442	37.099	40.1	0.046	1442.1	98
30	2	125	-1.487	-1.490	0.50	0.40	34.413	27.695	30.088	32.454	37.105	38.3	0.056	1443.4	123
30	2	150	-1.387	-1.391	0.62	0.50	34.439	27.713	30.104	32.468	37.117	36.6	0.065	1444.3	148
30	2	175	-1.073	-1.078	0.95	0.82	34.469	27.726	30.112	32.472	37.110	35.4	0.074	1446.3	173
30	2	200	-1.006	-1.012	1.04	0.89	34.492	27.742	30.127	32.485	37.122	33.8	0.083	1447.0	197
30	2	225	-1.029	-1.035	1.03	0.86	34.502	27.751	30.137	32.495	37.132	32.8	0.091	1447.3	222
30	2	250	-0.985	-0.992	1.10	0.91	34.514	27.759	30.144	32.502	37.138	32.0	0.100	1448.0	247
30	2	275	-1.049	-1.057	1.05	0.85	34.523	27.769	30.155	32.513	37.151	31.0	0.107	1448.1	271
30	2	300	-1.124	-1.132	1.00	0.77	34.532	27.779	30.166	32.526	37.166	29.9	0.115	1448.2	296
30	2	325	-1.203	-1.212	0.94	0.69	34.535	27.784	30.172	32.534	37.176	29.2	0.122	1448.2	321
30	2	350	-1.422	-1.431	0.74	0.47	34.535	27.792	30.183	32.548	37.197	28.2	0.129	1447.6	345

Potential Temperature (°C)

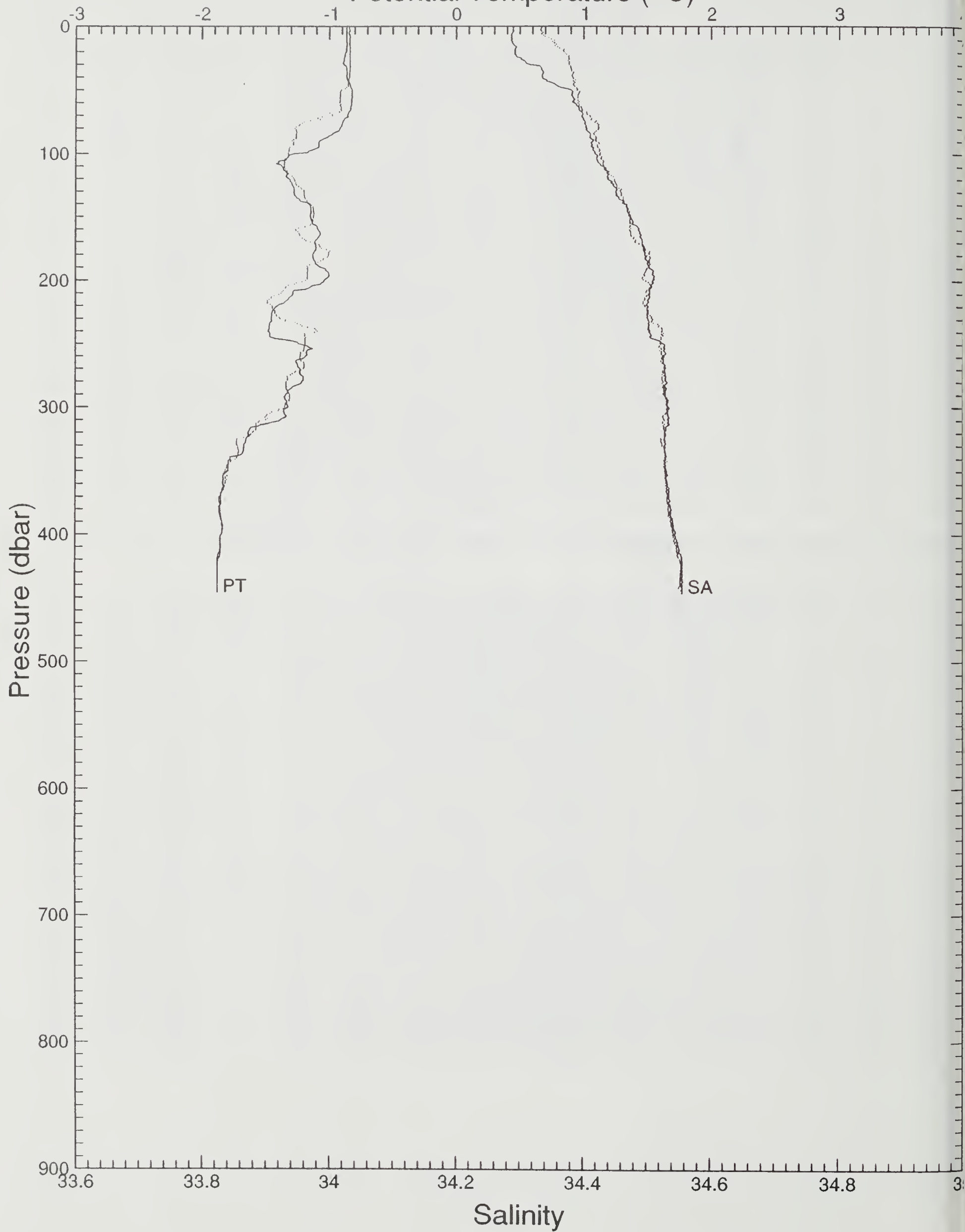


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.233	-173.270	490		998	90	3	1.	1200	0932	26	JAN	1984	PS	84	1	31

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
31	1	0	-1.060	-1.060	0.82	0.82	34.185	27.495	29.882	32.243	36.883	57.9	0.000	1443.1	0
31	1	10	-1.044	-1.044	0.84	0.83	34.184	27.494	29.881	32.241	36.881	58.0	0.006	1443.3	9
31	1	20	-1.057	-1.058	0.83	0.82	34.188	27.497	29.885	32.245	36.885	57.6	0.012	1443.5	19
31	1	30	-1.053	-1.054	0.84	0.82	34.188	27.497	29.884	32.245	36.885	57.5	0.017	1443.6	29
31	1	40	-1.041	-1.042	0.86	0.83	34.198	27.505	29.892	32.252	36.892	56.8	0.023	1443.9	39
31	1	50	-1.008	-1.009	0.91	0.87	34.224	27.525	29.911	32.270	36.909	54.9	0.029	1444.2	49
31	1	60	-0.951	-0.953	0.97	0.93	34.279	27.567	29.952	32.311	36.947	50.8	0.034	1444.7	59
31	1	70	-0.915	-0.917	1.02	0.97	34.316	27.596	29.980	32.338	36.973	48.1	0.039	1445.1	69
31	1	80	-0.901	-0.903	1.04	0.98	34.350	27.623	30.007	32.364	36.999	45.5	0.044	1445.4	79
31	1	90	-0.911	-0.913	1.04	0.98	34.385	27.652	30.036	32.393	37.027	42.7	0.048	1445.5	89
31	1	100	-0.999	-1.002	0.96	0.89	34.391	27.660	30.045	32.404	37.041	41.9	0.052	1445.3	98
31	1	125	-1.310	-1.313	0.67	0.58	34.401	27.679	30.069	32.433	37.079	39.9	0.062	1444.2	123
31	1	150	-1.401	-1.405	0.60	0.49	34.431	27.707	30.098	32.463	37.112	37.1	0.072	1444.3	148
31	1	175	-1.370	-1.374	0.65	0.52	34.445	27.717	30.108	32.472	37.120	36.0	0.081	1444.8	173
31	1	200	-1.179	-1.184	0.86	0.71	34.470	27.731	30.119	32.480	37.122	34.8	0.090	1446.2	197
31	1	225	-0.960	-0.966	1.10	0.93	34.504	27.750	30.134	32.492	37.127	33.0	0.099	1447.7	222
31	1	250	-0.989	-0.996	1.09	0.90	34.515	27.760	30.145	32.503	37.139	31.9	0.107	1448.0	247
31	1	275	-0.889	-0.897	1.21	1.01	34.532	27.770	30.153	32.510	37.142	31.0	0.114	1448.9	271
31	1	300	-0.899	-0.908	1.22	1.00	34.540	27.777	30.160	32.517	37.150	30.3	0.122	1449.2	296
31	1	325	-1.001	-1.011	1.14	0.90	34.544	27.784	30.169	32.527	37.163	29.4	0.130	1449.2	321
31	1	350	-1.223	-1.233	0.94	0.67	34.543	27.792	30.180	32.541	37.184	28.4	0.137	1448.5	345
31	1	375	-1.415	-1.425	0.76	0.48	34.542	27.797	30.189	32.553	37.202	27.5	0.144	1448.0	370
31	1	400	-1.597	-1.607	0.60	0.30	34.542	27.803	30.197	32.565	37.219	26.7	0.151	1447.6	395
31	1	425	-1.812	-1.822	0.40	0.08	34.548	27.814	30.212	32.582	37.243	25.2	0.157	1446.9	419
31	1	450	-1.793	-1.804	0.44	0.10	34.561	27.824	30.222	32.592	37.252	24.2	0.163	1447.5	444
31	1	466	-1.756	-1.767	0.49	0.14	34.575	27.835	30.231	32.601	37.260	23.2	0.167	1447.9	460

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.235	-173.300	490		998	100	3	0.	1400	1010	26	JAN	1984	PS	84	2	31

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
31	2	0	-1.060	-1.060	0.82	0.82	34.189	27.498	29.886	32.246	36.886	57.6	0.000	1443.1	0
31	2	10	-1.067	-1.067	0.82	0.81	34.188	27.498	29.885	32.246	36.886	57.6	0.006	1443.2	9
31	2	20	-1.061	-1.062	0.83	0.81	34.189	27.498	29.886	32.246	36.887	57.5	0.012	1443.4	19
31	2	30	-1.057	-1.058	0.84	0.82	34.189	27.498	29.885	32.246	36.886	57.4	0.017	1443.6	29
31	2	40	-1.056	-1.057	0.85	0.82	34.190	27.499	29.886	32.246	36.887	57.3	0.023	1443.8	39
31	2	50	-1.024	-1.025	0.89	0.85	34.207	27.512	29.898	32.258	36.897	56.1	0.029	1444.1	49
31	2	60	-0.928	-0.930	1.00	0.95	34.296	27.580	29.965	32.323	36.958	49.6	0.034	1444.9	59
31	2	70	-0.891	-0.893	1.05	0.99	34.341	27.615	29.999	32.356	36.990	46.3	0.039	1445.3	69
31	2	80	-0.903	-0.905	1.04	0.98	34.366	27.636	30.020	32.377	37.012	44.3	0.043	1445.4	79
31	2	90	-0.923	-0.925	1.03	0.96	34.380	27.648	30.032	32.390	37.025	43.1	0.048	1445.5	89
31	2	100	-1.041	-1.044	0.92	0.85	34.393	27.663	30.049	32.408	37.047	41.6	0.052	1445.1	98
31	2	125	-0.975	-0.978	1.01	0.91	34.405	27.670	30.055	32.413	37.050	40.8	0.062	1445.8	123
31	2	150	-1.308	-1.312	0.69	0.58	34.405	27.682	30.073	32.436	37.082	39.5	0.072	1444.7	148
31	2	175	-1.447	-1.451	0.57	0.44	34.421	27.700	30.092	32.458	37.108	37.6	0.082	1444.4	173
31	2	200	-1.408	-1.413	0.63	0.48	34.449	27.722	30.113	32.478	37.127	35.5	0.091	1445.1	197
31	2	225	-1.058	-1.064	1.00	0.83	34.482	27.736	30.122	32.481	37.119	34.2	0.100	1447.2	222
31	2	250	-0.967	-0.974	1.11	0.93	34.509	27.754	30.139	32.497	37.132	32.5	0.108	1448.0	247
31	2	275	-1.029	-1.037	1.07	0.86	34.512	27.759	30.145	32.503	37.140	31.9	0.116	1448.2	271
31	2	300	-0.900	-0.909	1.22	1.00	34.539	27.776	30.160	32.516	37.149	30.3	0.124	1449.2	296
31	2	325	-1.002	-1.012	1.14	0.89	34.541	27.782	30.167	32.525	37.161	29.6	0.131	1449.2	321
31	2	350	-1.213	-1.223	0.95	0.68	34.542	27.791	30.179	32.540	37.182	28.5	0.139	1448.6	345
31	2	375	-1.419	-1.429	0.76	0.48	34.540	27.796	30.187	32.552	37.201	27.7	0.146	1448.0	370
31	2	400	-1.625	-1.635	0.57	0.27	34.539	27.802	30.196	32.564	37.219	26.8	0.152	1447.4	395
31	2	425	-1.809	-1.819	0.41	0.09	34.545	27.812	30.209	32.580	37.241	25.5	0.159	1446.9	419
31	2	450	-1.807	-1.818	0.43	0.09	34.556	27.821	30.218	32.589	37.249	24.5	0.165	1447.4	444
31	2	466	-1.754	-1.765	0.50	0.14	34.575	27.835	30.231	32.601	37.260	23.2	0.169	1447.9	460

Potential Temperature ($^{\circ}\text{C}$)

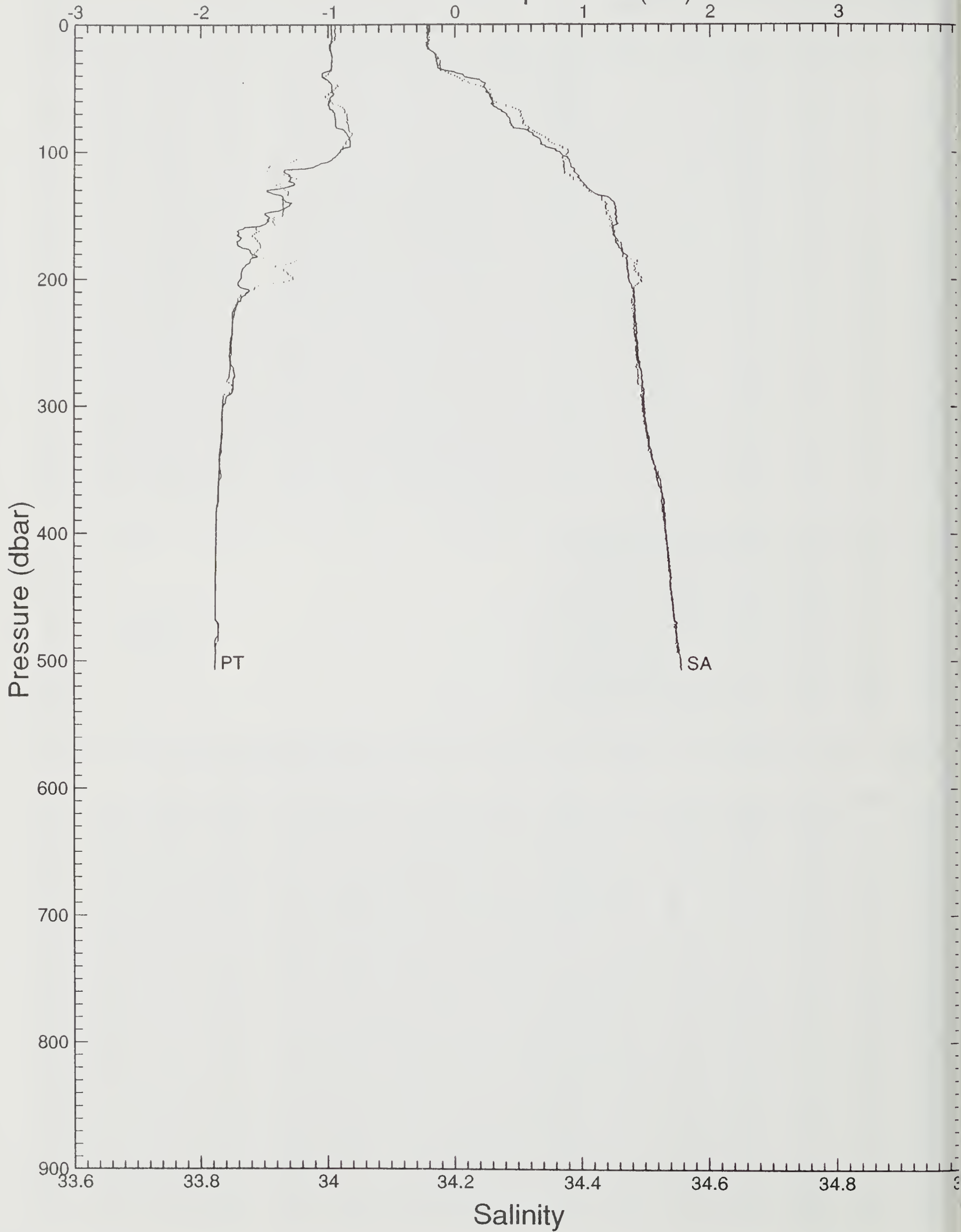
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.237	-172.525	443	0	999	100	5	-4.	2775	1423	26	JAN	1984	PS	84	1	32

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
32	1	0	-0.864	-0.864	1.02	1.02	34.292	27.574	29.958	32.315	36.949	50.4	0.000	1444.2	0
32	1	10	-0.864	-0.864	1.02	1.02	34.288	27.571	29.955	32.312	36.946	50.6	0.005	1444.3	9
32	1	20	-0.866	-0.867	1.03	1.02	34.292	27.574	29.958	32.315	36.949	50.3	0.010	1444.5	19
32	1	30	-0.885	-0.886	1.02	1.00	34.316	27.595	29.979	32.336	36.970	48.3	0.015	1444.6	29
32	1	40	-0.862	-0.863	1.05	1.02	34.335	27.609	29.993	32.349	36.983	46.9	0.020	1444.9	39
32	1	50	-0.821	-0.822	1.10	1.07	34.381	27.645	30.027	32.383	37.015	43.5	0.024	1445.3	49
32	1	60	-0.822	-0.824	1.11	1.06	34.386	27.649	30.031	32.387	37.019	43.1	0.029	1445.5	59
32	1	70	-0.855	-0.857	1.08	1.03	34.397	27.659	30.042	32.399	37.031	42.1	0.033	1445.5	69
32	1	80	-0.914	-0.916	1.03	0.97	34.406	27.669	30.053	32.410	37.044	41.2	0.037	1445.4	79
32	1	90	-1.075	-1.077	0.88	0.81	34.415	27.682	30.069	32.428	37.067	39.8	0.041	1444.8	89
32	1	100	-1.272	-1.274	0.69	0.62	34.419	27.693	30.082	32.445	37.090	38.7	0.045	1444.0	98
32	1	125	-1.284	-1.287	0.70	0.61	34.447	27.716	30.105	32.468	37.113	36.4	0.054	1444.4	123
32	1	150	-1.140	-1.144	0.86	0.75	34.475	27.733	30.121	32.481	37.122	34.7	0.063	1445.6	148
32	1	175	-1.095	-1.100	0.93	0.80	34.495	27.748	30.134	32.494	37.133	33.3	0.072	1446.2	173
32	1	200	-1.031	-1.037	1.01	0.86	34.509	27.757	30.142	32.501	37.138	32.4	0.080	1446.9	197
32	1	225	-1.440	-1.446	0.62	0.45	34.501	27.765	30.157	32.522	37.171	31.3	0.088	1445.4	222
32	1	250	-1.229	-1.236	0.85	0.67	34.529	27.780	30.169	32.530	37.173	29.8	0.096	1446.8	247
32	1	275	-1.210	-1.217	0.89	0.69	34.530	27.781	30.169	32.530	37.172	29.7	0.103	1447.3	271
32	1	300	-1.308	-1.316	0.81	0.59	34.534	27.787	30.177	32.540	37.185	28.9	0.110	1447.3	296
32	1	325	-1.639	-1.647	0.50	0.26	34.528	27.793	30.188	32.556	37.211	28.0	0.118	1446.1	321
32	1	350	-1.780	-1.788	0.38	0.11	34.532	27.800	30.197	32.568	37.227	27.0	0.124	1445.8	345
32	1	375	-1.837	-1.846	0.34	0.06	34.535	27.804	30.202	32.573	37.235	26.4	0.131	1446.0	370
32	1	400	-1.831	-1.840	0.37	0.07	34.544	27.811	30.209	32.580	37.242	25.6	0.138	1446.4	395
32	1	425	-1.863	-1.873	0.35	0.03	34.556	27.822	30.220	32.592	37.254	24.4	0.144	1446.7	419
32	1	446	-1.863	-1.873	0.37	0.03	34.557	27.823	30.221	32.593	37.255	24.2	0.149	1447.0	440

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
32		52	-0.913	-0.914	34.391	27.656	8.27									2.07	12	51
32		105	-1.345	-1.348	34.434	27.707	6.73										11	104
32		153	-1.122	-1.126	34.476	27.733	6.20										10	151
32		177	-0.986	-0.991	34.505	27.752	6.02										9	175
32		202	-1.249	-1.254	34.503	27.760	6.24							2.40	1.20		8	200
32		233	-1.255	-1.261	34.511	27.767	6.23							2.33	1.17		7	230
32		254	-1.184	-1.191	34.524	27.775	6.12									1.09	6	251
32		309	-1.469	-1.477	34.527	27.787	6.32							2.40	1.17		5	305
32		356	-1.801	-1.809	34.534	27.802	6.57										4	352
32		408	-1.841	-1.850	34.547	27.814	6.54										3	404
32		428	-1.863	-1.873	34.554	27.820	6.53									1.26	1	423

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.243	-172.620	443	0	999	100	6	-4.		1519	26	JAN	1984	PS	84	2	32

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
32	2	0	-0.846	-0.846	1.04	1.04	34.335	27.608	29.992	32.348	36.981	47.1	0.000	1444.3	0
32	2	10	-0.841	-0.841	1.05	1.04	34.349	27.620	30.003	32.359	36.992	46.0	0.005	1444.5	9
32	2	20	-0.837	-0.838	1.06	1.05	34.369	27.636	30.019	32.375	37.007	44.5	0.009	1444.7	19
32	2	30	-0.836	-0.837	1.07	1.05	34.377	27.642	30.025	32.381	37.013	43.8	0.014	1444.9	29
32	2	40	-0.842	-0.843	1.08	1.04	34.383	27.647	30.030	32.386	37.019	43.3	0.018	1445.1	39
32	2	50	-0.905	-0.906	1.02	0.98	34.390	27.655	30.039	32.396	37.031	42.5	0.022	1444.9	49
32	2	60	-0.915	-0.917	1.02	0.97	34.391	27.657	30.041	32.398	37.032	42.4	0.027	1445.0	59
32	2	70	-0.973	-0.975	0.97	0.91	34.410	27.674	30.059	32.417	37.053	40.7	0.031	1445.0	69
32	2	80	-1.271	-1.273	0.68	0.62	34.424	27.697	30.086	32.449	37.094	38.4	0.035	1443.7	79
32	2	90	-1.291	-1.293	0.67	0.60	34.420	27.694	30.084	32.447	37.092	38.6	0.039	1443.8	89
32	2	100	-1.318	-1.320	0.65	0.57	34.426	27.700	30.090	32.453	37.100	38.0	0.042	1443.8	98
32	2	125	-1.252	-1.255	0.73	0.64	34.453	27.719	30.109	32.471	37.115	36.1	0.052	1444.6	123
32	2	150	-1.118	-1.122	0.89	0.77	34.474	27.732	30.119	32.479	37.119	34.9	0.060	1445.7	148
32	2	175	-1.053	-1.058	0.97	0.84	34.498	27.749	30.135	32.493	37.131	33.2	0.069	1446.4	173
32	2	200	-1.178	-1.183	0.87	0.72	34.499	27.754	30.142	32.503	37.145	32.5	0.077	1446.2	197
32	2	225	-1.416	-1.422	0.65	0.48	34.502	27.765	30.156	32.521	37.170	31.3	0.085	1445.5	222
32	2	250	-1.175	-1.182	0.91	0.72	34.523	27.774	30.161	32.522	37.163	30.5	0.093	1447.1	247
32	2	275	-1.291	-1.298	0.81	0.60	34.528	27.782	30.171	32.534	37.179	29.6	0.100	1447.0	271
32	2	300	-1.338	-1.346	0.78	0.56	34.536	27.790	30.180	32.543	37.190	28.6	0.108	1447.1	296
32	2	325	-1.711	-1.719	0.43	0.18	34.524	27.792	30.188	32.557	37.215	28.0	0.115	1445.8	321
32	2	350	-1.803	-1.811	0.36	0.09	34.530	27.799	30.197	32.567	37.228	27.1	0.122	1445.7	345
32	2	375	-1.848	-1.856	0.33	0.05	34.534	27.804	30.202	32.573	37.235	26.5	0.128	1445.9	370
32	2	400	-1.830	-1.839	0.37	0.07	34.542	27.810	30.208	32.579	37.240	25.8	0.135	1446.4	395
32	2	425	-1.863	-1.873	0.35	0.03	34.555	27.821	30.220	32.591	37.253	24.5	0.141	1446.7	419

Potential Temperature ($^{\circ}\text{C}$)

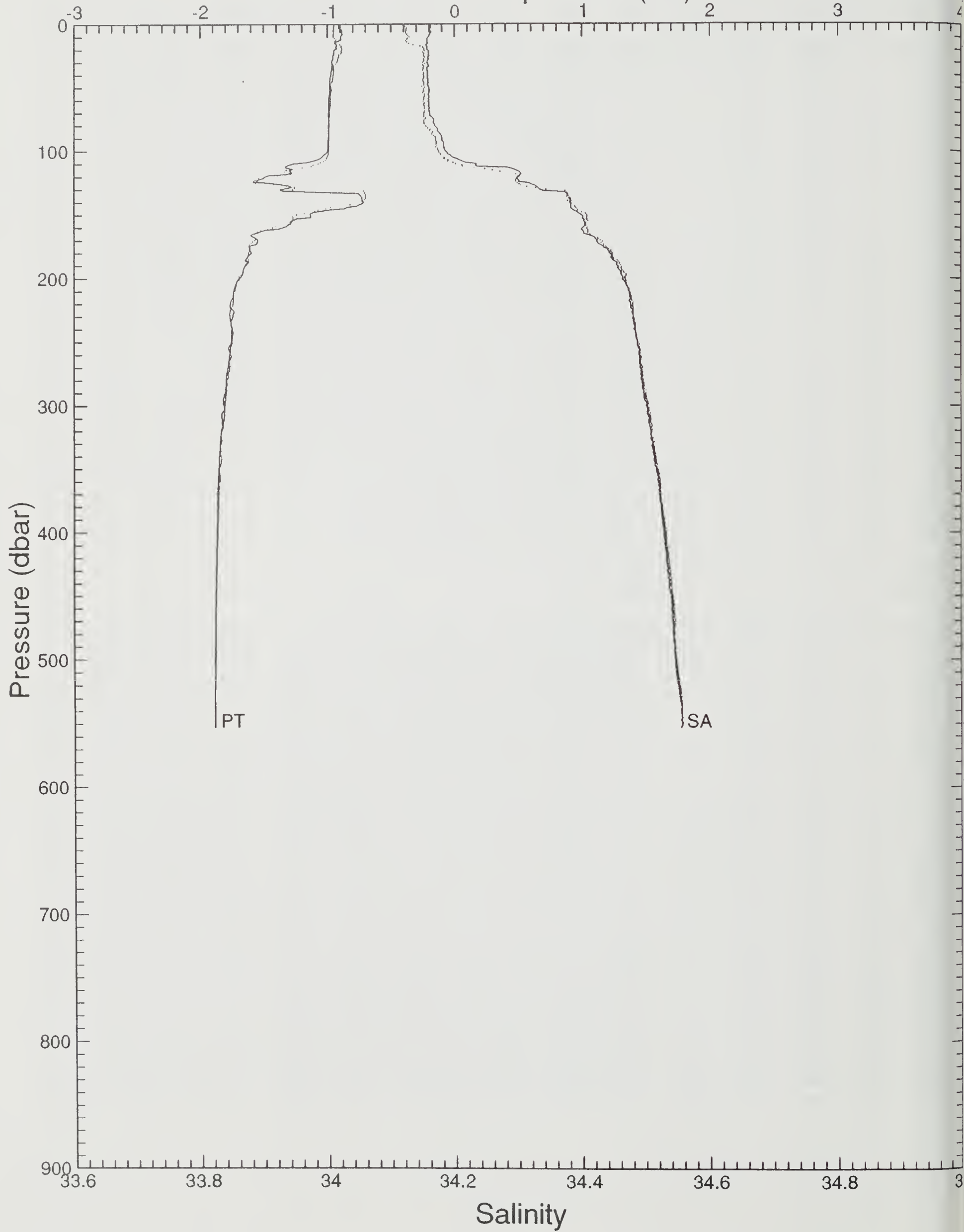
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.245	-171.880	514	10	1000	110	8	-3.	400	2116	26	JAN	1984	PS	84	1	33

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
33	1	0	-0.974	-0.974	0.90	0.90	34.158	27.470	29.856	32.215	36.853	60.2	0.000	1443.5	0
33	1	10	-0.968	-0.968	0.91	0.91	34.156	27.468	29.854	32.213	36.851	60.4	0.006	1443.7	9
33	1	20	-0.976	-0.977	0.91	0.90	34.162	27.473	29.859	32.218	36.857	59.8	0.012	1443.8	19
33	1	30	-0.970	-0.971	0.93	0.91	34.173	27.482	29.868	32.227	36.865	59.0	0.018	1444.0	29
33	1	40	-1.044	-1.045	0.86	0.83	34.214	27.518	29.905	32.265	36.905	55.5	0.024	1443.9	39
33	1	50	-0.967	-0.968	0.95	0.91	34.249	27.544	29.929	32.288	36.925	53.1	0.029	1444.4	49
33	1	60	-0.992	-0.994	0.93	0.89	34.260	27.553	29.939	32.298	36.936	52.1	0.034	1444.5	59
33	1	70	-0.943	-0.945	0.99	0.94	34.282	27.569	29.954	32.313	36.949	50.6	0.040	1444.9	69
33	1	80	-0.932	-0.934	1.01	0.95	34.293	27.578	29.963	32.321	36.957	49.7	0.045	1445.2	79
33	1	90	-0.830	-0.833	1.12	1.05	34.335	27.608	29.991	32.347	36.980	46.9	0.049	1445.9	89
33	1	100	-0.897	-0.900	1.06	0.99	34.366	27.636	30.020	32.377	37.011	44.2	0.054	1445.7	98
33	1	125	-1.255	-1.258	0.73	0.63	34.404	27.680	30.069	32.432	37.076	39.8	0.064	1444.5	123
33	1	150	-1.469	-1.473	0.53	0.42	34.455	27.728	30.121	32.486	37.137	35.0	0.074	1444.0	148
33	1	175	-1.664	-1.668	0.36	0.23	34.459	27.737	30.133	32.502	37.158	34.0	0.082	1443.5	173
33	1	200	-1.678	-1.682	0.37	0.21	34.475	27.751	30.147	32.515	37.172	32.5	0.091	1443.8	197
33	1	225	-1.733	-1.738	0.33	0.16	34.485	27.761	30.157	32.527	37.185	31.5	0.099	1444.0	222
33	1	250	-1.755	-1.761	0.33	0.14	34.489	27.765	30.161	32.531	37.191	30.9	0.107	1444.3	247
33	1	275	-1.722	-1.728	0.38	0.17	34.495	27.768	30.165	32.534	37.193	30.5	0.114	1444.8	271
33	1	300	-1.810	-1.817	0.31	0.08	34.499	27.774	30.172	32.543	37.204	29.7	0.122	1444.8	296
33	1	325	-1.824	-1.831	0.31	0.07	34.506	27.780	30.178	32.549	37.211	29.0	0.129	1445.2	321
33	1	350	-1.838	-1.846	0.32	0.06	34.516	27.789	30.187	32.558	37.220	28.0	0.136	1445.5	345
33	1	375	-1.849	-1.857	0.33	0.05	34.530	27.801	30.199	32.570	37.232	26.8	0.143	1445.9	370
33	1	400	-1.863	-1.872	0.33	0.03	34.533	27.803	30.202	32.573	37.236	26.3	0.150	1446.3	395
33	1	425	-1.865	-1.875	0.35	0.03	34.538	27.807	30.206	32.577	37.240	25.8	0.156	1446.7	419
33	1	450	-1.867	-1.877	0.37	0.03	34.542	27.811	30.209	32.581	37.243	25.3	0.163	1447.1	444
33	1	475	-1.844	-1.855	0.41	0.05	34.549	27.816	30.214	32.585	37.247	24.7	0.169	1447.6	469
33	1	500	-1.868	-1.880	0.41	0.03	34.556	27.822	30.221	32.592	37.255	24.0	0.175	1447.9	494
33	1	507	-1.870	-1.882	0.41	0.03	34.557	27.823	30.222	32.593	37.256	23.8	0.177	1448.0	500

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.247	-171.940	514		1000	110	8	-2.		2153	26	JAN	1984	PS	84	2	33

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
33	2	0	-0.945	-0.945	0.93	0.93	34.159	27.470	29.855	32.214	36.851	60.3	0.000	1443.6	0
33	2	10	-0.950	-0.950	0.93	0.92	34.160	27.471	29.856	32.215	36.853	60.1	0.006	1443.8	9
33	2	20	-0.983	-0.984	0.91	0.89	34.161	27.473	29.859	32.218	36.857	59.9	0.012	1443.8	19
33	2	30	-0.971	-0.972	0.93	0.90	34.177	27.485	29.871	32.230	36.868	58.7	0.018	1444.0	29
33	2	40	-1.013	-1.014	0.89	0.86	34.200	27.506	29.892	32.252	36.891	56.7	0.024	1444.0	39
33	2	50	-0.942	-0.943	0.98	0.94	34.248	27.542	29.927	32.285	36.922	53.3	0.029	1444.6	49
33	2	60	-0.972	-0.974	0.95	0.91	34.263	27.555	29.941	32.299	36.937	52.0	0.035	1444.6	59
33	2	70	-0.845	-0.847	1.09	1.04	34.305	27.584	29.968	32.324	36.957	49.2	0.040	1445.4	69
33	2	80	-0.833	-0.835	1.11	1.05	34.316	27.593	29.976	32.332	36.965	48.4	0.044	1445.7	79
33	2	90	-0.836	-0.839	1.12	1.05	34.348	27.619	30.002	32.358	36.991	45.9	0.049	1445.8	89
33	2	100	-0.905	-0.908	1.06	0.98	34.379	27.647	30.031	32.388	37.022	43.2	0.054	1445.7	98
33	2	125	-1.369	-1.372	0.61	0.52	34.404	27.684	30.075	32.439	37.087	39.4	0.064	1444.0	123
33	2	150	-1.350	-1.354	0.65	0.54	34.445	27.716	30.107	32.471	37.118	36.2	0.073	1444.5	148
33	2	175	-1.522	-1.526	0.50	0.37	34.464	27.737	30.131	32.497	37.149	34.0	0.082	1444.1	173
33	2	200	-1.264	-1.269	0.78	0.63	34.493	27.752	30.141	32.504	37.148	32.7	0.091	1445.8	197
33	2	225	-1.719	-1.724	0.34	0.17	34.481	27.757	30.153	32.523	37.181	31.8	0.099	1444.0	222
33	2	250	-1.746	-1.752	0.33	0.15	34.487	27.763	30.159	32.529	37.188	31.1	0.106	1444.3	247
33	2	275	-1.762	-1.768	0.34	0.13	34.489	27.765	30.162	32.532	37.191	30.8	0.114	1444.6	271
33	2	300	-1.813	-1.820	0.31	0.08	34.497	27.773	30.170	32.541	37.202	29.8	0.122	1444.8	296
33	2	325	-1.817	-1.824	0.32	0.08	34.504	27.778	30.176	32.547	37.208	29.1	0.129	1445.2	321
33	2	350	-1.832	-1.840	0.33	0.06	34.518	27.790	30.188	32.559	37.221	27.9	0.136	1445.6	345
33	2	375	-1.845	-1.853	0.33	0.05	34.526	27.797	30.195	32.567	37.228	27.1	0.143	1445.9	370
33	2	400	-1.863	-1.872	0.33	0.03	34.533	27.803	30.202	32.573	37.236	26.3	0.150	1446.3	395
33	2	425	-1.863	-1.873	0.35	0.03	34.540	27.809	30.207	32.579	37.241	25.6	0.156	1446.7	419
33	2	450	-1.866	-1.876	0.37	0.03	34.543	27.812	30.210	32.582	37.244	25.3	0.163	1447.1	444
33	2	475	-1.843	-1.854	0.41	0.05	34.549	27.816	30.214	32.585	37.247	24.7	0.169	1447.6	469
33	2	493	-1.867	-1.879	0.40	0.03	34.550	27.817	30.216	32.587	37.250	24.5	0.173	1447.8	487

Potential Temperature (°C)

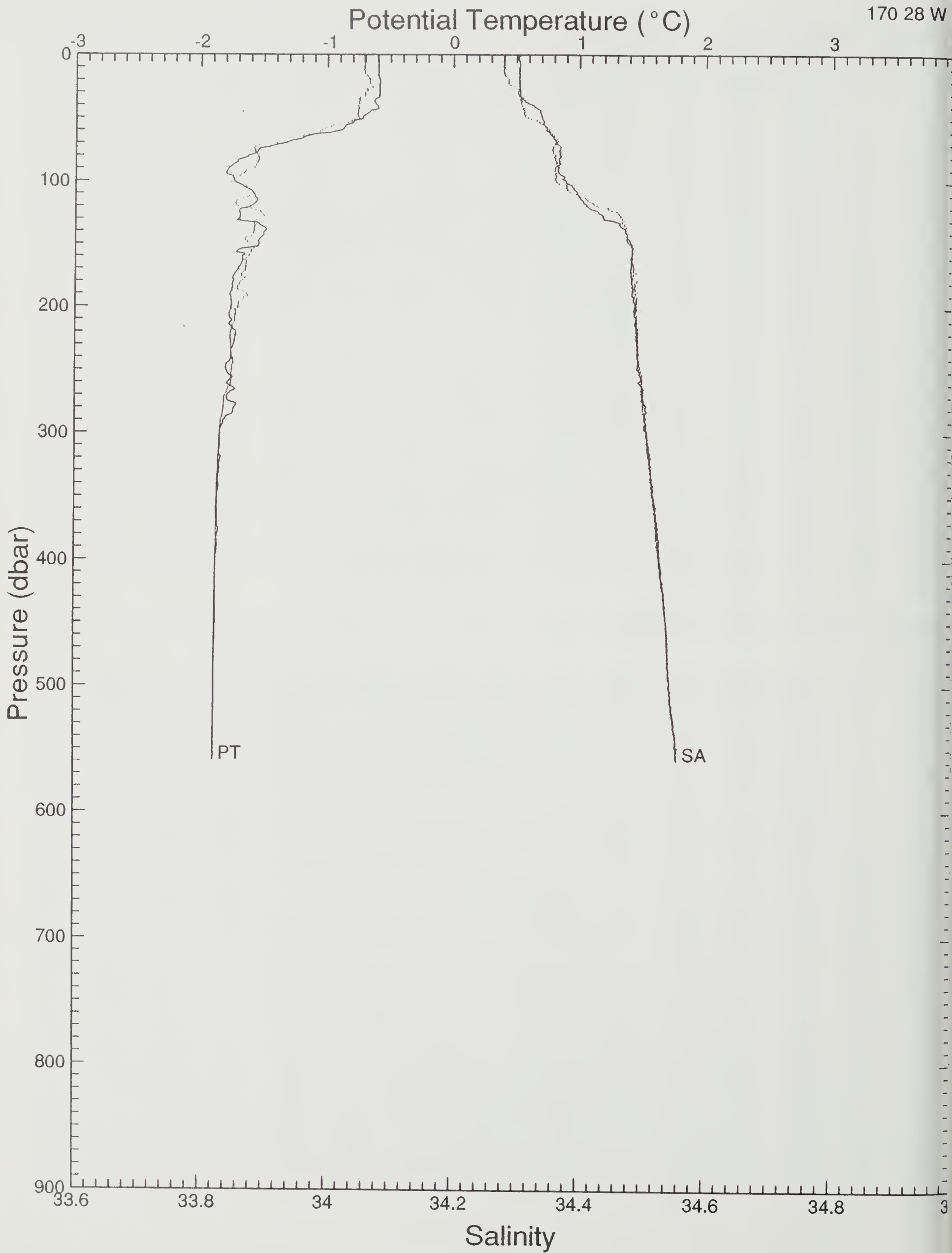


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.250	-171.182	552	3	1000	160	3	-4.	1300	2329	26	JAN	1984	PS	84	1	34

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
34	1	0	-0.909	-0.909	0.97	0.97	34.162	27.471	29.856	32.214	36.850	60.2	0.000	1443.8	0
34	1	10	-0.895	-0.895	0.99	0.98	34.159	27.468	29.853	32.210	36.846	60.4	0.006	1444.0	9
34	1	20	-0.943	-0.944	0.95	0.93	34.157	27.468	29.854	32.212	36.850	60.4	0.012	1443.9	19
34	1	30	-0.963	-0.964	0.93	0.91	34.157	27.469	29.855	32.214	36.852	60.2	0.018	1444.0	29
34	1	40	-0.970	-0.971	0.93	0.90	34.158	27.470	29.856	32.215	36.853	60.1	0.024	1444.1	39
34	1	50	-0.982	-0.983	0.93	0.89	34.160	27.472	29.858	32.217	36.856	59.9	0.030	1444.3	49
34	1	60	-0.985	-0.987	0.93	0.89	34.160	27.472	29.858	32.218	36.856	59.8	0.036	1444.4	59
34	1	70	-0.988	-0.990	0.94	0.89	34.161	27.473	29.859	32.219	36.857	59.7	0.042	1444.6	69
34	1	80	-0.984	-0.986	0.95	0.89	34.169	27.479	29.865	32.225	36.863	59.0	0.048	1444.7	79
34	1	90	-0.988	-0.990	0.96	0.89	34.181	27.489	29.875	32.235	36.873	58.1	0.054	1444.9	89
34	1	100	-0.995	-0.998	0.96	0.88	34.186	27.494	29.880	32.239	36.878	57.6	0.060	1445.0	98
34	1	125	-1.443	-1.446	0.53	0.44	34.317	27.615	30.008	32.374	37.025	45.8	0.073	1443.5	123
34	1	150	-1.129	-1.133	0.87	0.76	34.399	27.671	30.059	32.419	37.060	40.6	0.083	1445.5	148
34	1	175	-1.608	-1.612	0.41	0.28	34.434	27.716	30.110	32.478	37.133	36.1	0.093	1443.7	173
34	1	200	-1.684	-1.688	0.36	0.21	34.465	27.743	30.139	32.508	37.165	33.3	0.102	1443.8	197
34	1	225	-1.731	-1.736	0.33	0.16	34.481	27.757	30.154	32.523	37.182	31.8	0.110	1444.0	222
34	1	250	-1.743	-1.749	0.34	0.15	34.488	27.763	30.160	32.530	37.189	31.1	0.118	1444.3	247
34	1	275	-1.783	-1.789	0.32	0.11	34.493	27.769	30.166	32.536	37.196	30.4	0.125	1444.6	271
34	1	300	-1.800	-1.807	0.32	0.09	34.501	27.776	30.173	32.544	37.204	29.6	0.133	1444.9	296
34	1	325	-1.826	-1.833	0.31	0.07	34.510	27.784	30.182	32.552	37.214	28.7	0.140	1445.2	321
34	1	350	-1.842	-1.850	0.32	0.05	34.517	27.790	30.188	32.559	37.221	27.9	0.147	1445.5	345
34	1	375	-1.855	-1.863	0.32	0.04	34.524	27.796	30.194	32.565	37.228	27.2	0.154	1445.9	370
34	1	400	-1.853	-1.862	0.34	0.04	34.529	27.800	30.198	32.569	37.232	26.7	0.161	1446.3	395
34	1	425	-1.859	-1.869	0.36	0.04	34.535	27.805	30.203	32.575	37.237	26.0	0.167	1446.7	419
34	1	450	-1.865	-1.875	0.37	0.03	34.541	27.810	30.208	32.580	37.242	25.4	0.174	1447.1	444
34	1	475	-1.867	-1.878	0.39	0.03	34.543	27.812	30.210	32.582	37.244	25.1	0.180	1447.5	469
34	1	500	-1.869	-1.881	0.40	0.03	34.548	27.816	30.214	32.586	37.248	24.6	0.186	1447.9	494
34	1	550	-1.872	-1.885	0.44	0.03	34.557	27.823	30.222	32.593	37.256	23.6	0.198	1448.7	543
34	1	553	-1.872	-1.885	0.44	0.03	34.555	27.822	30.220	32.592	37.254	23.7	0.199	1448.8	546

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.247	-171.200	552	3	1000	160	2	-3.		2349	26	JAN	1984	PS	84	2	34

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
34	2	0	-0.949	-0.949	0.92	0.92	34.120	27.438	29.824	32.183	36.821	63.2	0.000	1443.5	0
34	2	10	-0.954	-0.954	0.93	0.92	34.129	27.446	29.832	32.191	36.828	62.5	0.006	1443.7	9
34	2	20	-0.883	-0.884	1.01	0.99	34.152	27.462	29.846	32.204	36.840	61.0	0.013	1444.2	19
34	2	30	-0.924	-0.925	0.97	0.95	34.150	27.462	29.847	32.205	36.842	60.9	0.019	1444.2	29
34	2	40	-0.950	-0.951	0.95	0.92	34.151	27.463	29.849	32.208	36.846	60.7	0.025	1444.2	39
34	2	50	-0.970	-0.971	0.94	0.90	34.153	27.466	29.852	32.211	36.849	60.4	0.031	1444.3	49
34	2	60	-0.974	-0.976	0.95	0.90	34.151	27.464	29.850	32.210	36.848	60.5	0.037	1444.4	59
34	2	70	-0.980	-0.982	0.95	0.89	34.152	27.465	29.852	32.211	36.849	60.4	0.043	1444.6	69
34	2	80	-0.988	-0.990	0.95	0.89	34.155	27.468	29.854	32.214	36.853	60.1	0.049	1444.7	79
34	2	90	-0.985	-0.987	0.96	0.89	34.171	27.481	29.867	32.226	36.865	58.8	0.055	1444.9	89
34	2	100	-0.987	-0.990	0.96	0.89	34.175	27.484	29.871	32.230	36.868	58.5	0.061	1445.1	98
34	2	125	-1.558	-1.561	0.42	0.32	34.299	27.604	29.999	32.366	37.021	46.8	0.074	1442.9	123
34	2	150	-1.236	-1.240	0.76	0.65	34.408	27.682	30.071	32.434	37.078	39.5	0.085	1445.0	148
34	2	175	-1.603	-1.607	0.42	0.29	34.438	27.719	30.113	32.481	37.136	35.8	0.094	1443.7	173
34	2	200	-1.694	-1.698	0.35	0.20	34.468	27.746	30.142	32.511	37.168	33.0	0.103	1443.7	197
34	2	225	-1.757	-1.762	0.30	0.14	34.481	27.758	30.155	32.525	37.184	31.7	0.111	1443.8	222
34	2	250	-1.745	-1.751	0.34	0.15	34.488	27.763	30.160	32.530	37.189	31.0	0.119	1444.3	247
34	2	275	-1.772	-1.778	0.33	0.12	34.495	27.770	30.167	32.537	37.197	30.3	0.126	1444.6	271
34	2	300	-1.795	-1.802	0.33	0.10	34.503	27.777	30.175	32.545	37.206	29.4	0.134	1444.9	296
34	2	325	-1.831	-1.838	0.31	0.06	34.510	27.784	30.182	32.553	37.214	28.6	0.141	1445.2	321
34	2	350	-1.840	-1.848	0.32	0.06	34.519	27.791	30.189	32.561	37.222	27.8	0.148	1445.5	345
34	2	375	-1.848	-1.856	0.33	0.05	34.524	27.796	30.194	32.565	37.227	27.2	0.155	1445.9	370
34	2	400	-1.857	-1.866	0.34	0.04	34.532	27.802	30.201	32.572	37.234	26.4	0.162	1446.3	395
34	2	425	-1.860	-1.870	0.36	0.04	34.537	27.807	30.205	32.576	37.239	25.9	0.168	1446.7	419
34	2	450	-1.864	-1.874	0.37	0.03	34.543	27.812	30.210	32.581	37.244	25.3	0.174	1447.1	444
34	2	475	-1.867	-1.878	0.39	0.03	34.545	27.813	30.212	32.583	37.246	25.0	0.181	1447.5	469
34	2	500	-1.868	-1.880	0.41	0.03	34.547	27.815	30.213	32.585	37.248	24.7	0.187	1447.9	494
34	2	550	-1.872	-1.885	0.44	0.03	34.557	27.823	30.222	32.593	37.256	23.6	0.199	1448.7	543
34	2	553	-1.872	-1.885	0.44	0.03	34.555	27.822	30.220	32.592	37.254	23.7	0.200	1448.8	546



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.163	-170.460	563	8	1000	160	5	-3.		0503	27	JAN	1984	PS	84	1	35

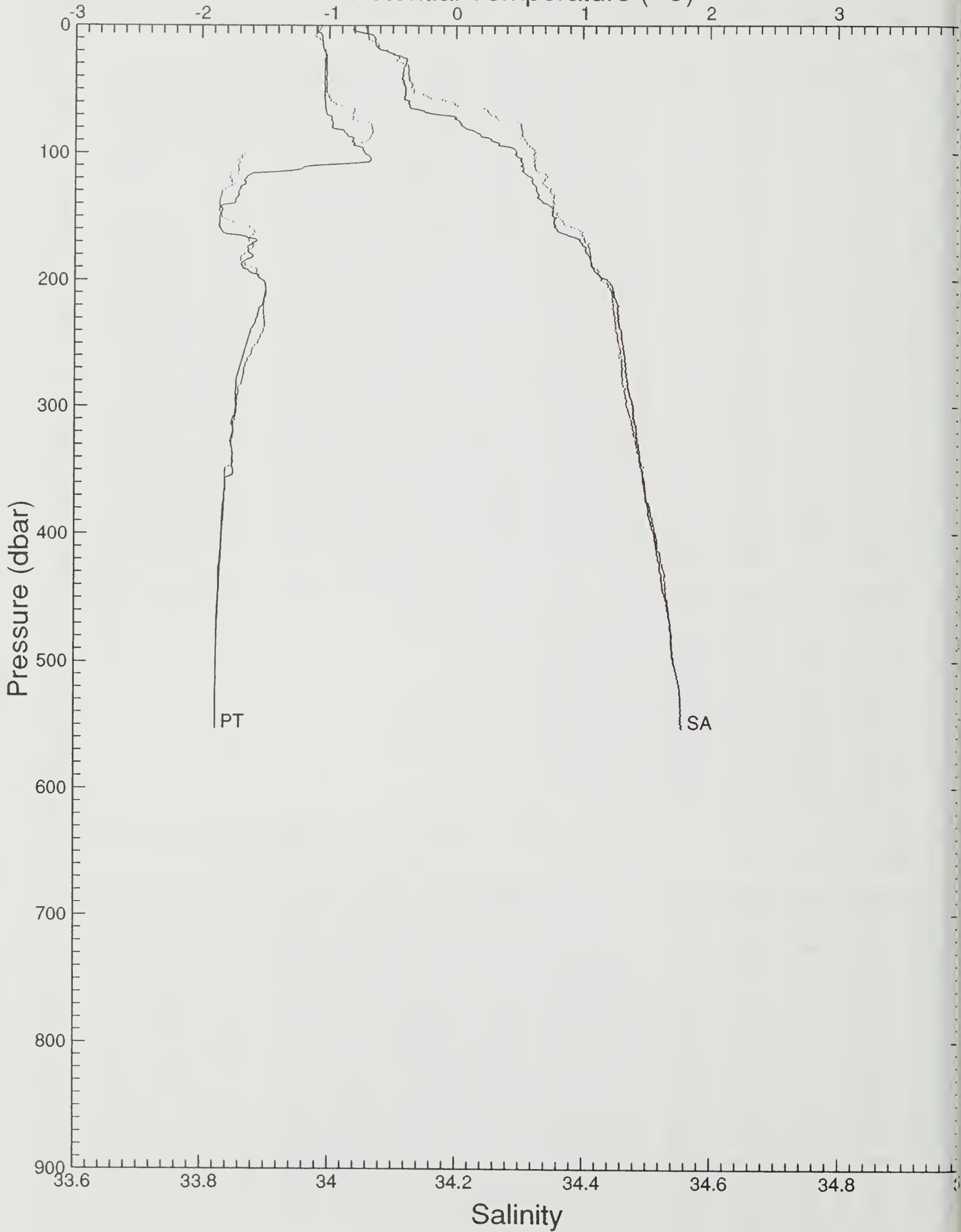
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
35	1	0	-0.603	-0.603	1.28	1.28	34.307	27.576	29.955	32.308	36.934	50.2	0.000	1445.4	0
35	1	10	-0.597	-0.597	1.29	1.28	34.304	27.573	29.952	32.305	36.931	50.5	0.005	1445.6	9
35	1	20	-0.585	-0.586	1.31	1.30	34.304	27.572	29.952	32.304	36.930	50.5	0.010	1445.8	19
35	1	30	-0.589	-0.590	1.32	1.29	34.306	27.574	29.954	32.306	36.932	50.3	0.015	1446.0	29
35	1	40	-0.604	-0.605	1.31	1.28	34.327	27.592	29.971	32.324	36.950	48.6	0.020	1446.1	39
35	1	50	-0.715	-0.716	1.21	1.17	34.341	27.608	29.989	32.344	36.973	47.0	0.025	1445.8	49
35	1	60	-0.892	-0.894	1.04	0.99	34.347	27.620	30.004	32.361	36.995	45.8	0.030	1445.1	59
35	1	70	-1.329	-1.331	0.61	0.56	34.363	27.649	30.040	32.403	37.051	43.0	0.034	1443.2	69
35	1	80	-1.625	-1.627	0.32	0.26	34.371	27.665	30.060	32.428	37.085	41.4	0.038	1442.0	79
35	1	90	-1.779	-1.781	0.18	0.11	34.366	27.665	30.063	32.434	37.095	41.2	0.042	1441.4	89
35	1	100	-1.729	-1.731	0.23	0.16	34.380	27.675	30.072	32.442	37.101	40.2	0.046	1441.8	98
35	1	125	-1.688	-1.691	0.30	0.20	34.432	27.716	30.112	32.481	37.139	36.2	0.056	1442.5	123
35	1	150	-1.533	-1.536	0.47	0.36	34.485	27.755	30.148	32.514	37.167	32.5	0.065	1443.7	148
35	1	175	-1.727	-1.731	0.30	0.17	34.484	27.760	30.156	32.525	37.184	31.8	0.073	1443.2	173
35	1	200	-1.749	-1.753	0.29	0.14	34.489	27.764	30.161	32.531	37.190	31.2	0.080	1443.5	197
35	1	225	-1.720	-1.725	0.34	0.17	34.494	27.768	30.164	32.533	37.191	30.8	0.088	1444.0	222
35	1	250	-1.786	-1.791	0.30	0.11	34.496	27.771	30.168	32.539	37.199	30.3	0.096	1444.1	247
35	1	275	-1.764	-1.770	0.34	0.13	34.503	27.776	30.173	32.543	37.203	29.7	0.103	1444.7	271
35	1	300	-1.832	-1.839	0.29	0.06	34.509	27.783	30.181	32.552	37.214	28.9	0.111	1444.7	296
35	1	325	-1.839	-1.846	0.30	0.06	34.515	27.788	30.186	32.557	37.219	28.2	0.118	1445.1	321
35	1	350	-1.850	-1.858	0.31	0.05	34.521	27.793	30.191	32.563	37.225	27.6	0.125	1445.5	345
35	1	375	-1.840	-1.848	0.34	0.06	34.528	27.799	30.197	32.568	37.230	26.9	0.132	1446.0	370
35	1	400	-1.860	-1.869	0.34	0.04	34.531	27.802	30.200	32.571	37.234	26.5	0.138	1446.3	395
35	1	425	-1.861	-1.871	0.36	0.04	34.537	27.807	30.205	32.576	37.239	25.9	0.145	1446.7	419
35	1	450	-1.860	-1.870	0.37	0.04	34.542	27.811	30.209	32.580	37.243	25.4	0.151	1447.1	444
35	1	475	-1.866	-1.877	0.39	0.03	34.544	27.812	30.211	32.582	37.245	25.0	0.158	1447.5	469
35	1	500	-1.866	-1.878	0.41	0.03	34.546	27.814	30.213	32.584	37.247	24.7	0.164	1447.9	494
35	1	550	-1.870	-1.883	0.44	0.03	34.558	27.824	30.222	32.594	37.257	23.5	0.176	1448.7	543
35	1	559	-1.871	-1.885	0.45	0.03	34.559	27.825	30.223	32.595	37.258	23.4	0.178	1448.9	552

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
35		4	-0.711	-0.711	34.278	27.557	8.72	16.4	1.27	58.9							12	3
35		36	-0.744	-0.745	34.309	27.583	8.49	17.9	1.35	57.0							11	36
35		101	-1.752	-1.754	34.369	27.667	6.94										10	100
35		139	-1.571	-1.574	34.477	27.749	6.52										9	138
35		202	-1.717	-1.721	34.491	27.765	6.65										8	200
35		262	-1.750	-1.756	34.501	27.774	6.52	30.0	2.19	74.9							7	259
35		304	-1.833	-1.840	34.510	27.784	6.55										6	301
35		407	-1.861	-1.870	34.531	27.802	6.60	30.0	2.18	73.8							4	402
35		409	-1.861	-1.870	34.532	27.802	6.57										5	404
35		509	-1.869	-1.881	34.548	27.816	6.57										2	503
35		509	-1.869	-1.881	34.549	27.817	6.59										3	503
35		548	-1.872	-1.885	34.559	27.825		30.1	2.20	76.9							1	542

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.150	-170.460	563		1000	140	5	-4.	9999	0558	27	JAN	1984	PS	84	2	35

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
35	2	0	-0.711	-0.711	1.17	1.17	34.282	27.560	29.941	32.296	36.925	51.7	0.000	1444.9	0
35	2	10	-0.710	-0.710	1.18	1.17	34.280	27.558	29.940	32.294	36.924	51.8	0.005	1445.0	9
35	2	20	-0.665	-0.666	1.23	1.22	34.287	27.562	29.943	32.297	36.925	51.5	0.010	1445.4	19
35	2	30	-0.704	-0.705	1.20	1.18	34.302	27.576	29.957	32.311	36.940	50.1	0.015	1445.4	29
35	2	40	-0.758	-0.759	1.16	1.13	34.309	27.584	29.966	32.321	36.952	49.3	0.020	1445.3	39
35	2	50	-0.750	-0.751	1.17	1.13	34.318	27.591	29.973	32.328	36.958	48.7	0.025	1445.6	49
35	2	60	-1.039	-1.041	0.89	0.85	34.352	27.630	30.016	32.375	37.014	44.9	0.030	1444.4	59
35	2	70	-1.397	-1.399	0.54	0.49	34.362	27.650	30.042	32.407	37.056	42.8	0.034	1442.9	69
35	2	80	-1.542	-1.544	0.40	0.34	34.362	27.655	30.049	32.416	37.070	42.3	0.039	1442.4	79
35	2	90	-1.571	-1.573	0.38	0.31	34.362	27.656	30.050	32.418	37.073	42.2	0.043	1442.4	89
35	2	100	-1.783	-1.785	0.18	0.10	34.364	27.664	30.061	32.432	37.093	41.3	0.047	1441.5	98
35	2	125	-1.518	-1.521	0.47	0.37	34.463	27.736	30.130	32.496	37.148	34.4	0.057	1443.3	123
35	2	150	-1.615	-1.618	0.39	0.28	34.481	27.754	30.149	32.516	37.171	32.6	0.065	1443.3	148
35	2	175	-1.670	-1.674	0.35	0.22	34.487	27.760	30.156	32.524	37.181	31.8	0.073	1443.5	173
35	2	200	-1.694	-1.698	0.35	0.20	34.491	27.764	30.160	32.529	37.187	31.3	0.081	1443.8	197
35	2	225	-1.753	-1.758	0.31	0.14	34.492	27.767	30.164	32.534	37.193	30.9	0.089	1443.9	222
35	2	250	-1.743	-1.749	0.34	0.15	34.500	27.773	30.170	32.539	37.198	30.1	0.096	1444.3	247
35	2	275	-1.802	-1.808	0.30	0.09	34.504	27.778	30.176	32.546	37.207	29.5	0.104	1444.5	271
35	2	300	-1.830	-1.837	0.29	0.06	34.510	27.784	30.182	32.553	37.214	28.8	0.111	1444.8	296

Potential Temperature (°C)

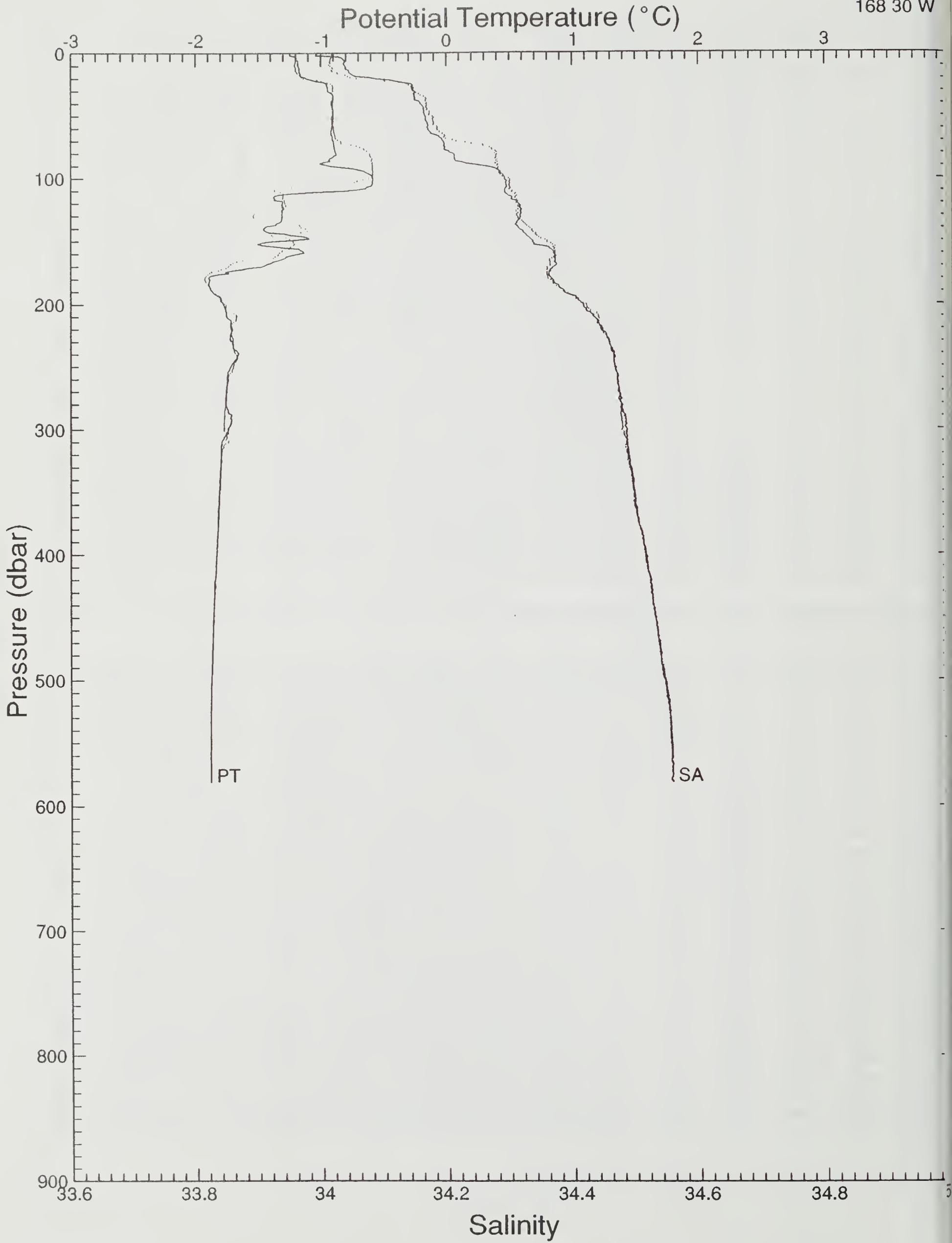


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.268	-169.833	552	3	1000	120	4	-5.	400	0841	27	JAN	1984	PS	84	1	36

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
36	1	0	-1.093	-1.093	0.77	0.77	34.039	27.378	29.766	32.128	36.771	69.0	0.000	1442.8	0
36	1	10	-1.054	-1.054	0.82	0.81	34.072	27.403	29.791	32.152	36.793	66.5	0.007	1443.1	9
36	1	20	-1.037	-1.038	0.85	0.83	34.090	27.417	29.805	32.165	36.806	65.2	0.013	1443.4	19
36	1	30	-1.032	-1.033	0.86	0.84	34.121	27.442	29.829	32.189	36.830	62.8	0.020	1443.6	29
36	1	40	-1.033	-1.034	0.87	0.84	34.116	27.438	29.825	32.186	36.826	63.1	0.026	1443.8	39
36	1	50	-1.032	-1.033	0.88	0.84	34.121	27.442	29.829	32.189	36.830	62.7	0.032	1444.0	49
36	1	60	-1.029	-1.031	0.89	0.84	34.126	27.446	29.833	32.193	36.834	62.3	0.039	1444.2	59
36	1	70	-1.013	-1.015	0.92	0.86	34.176	27.486	29.873	32.232	36.872	58.4	0.045	1444.5	69
36	1	80	-0.979	-0.981	0.96	0.90	34.214	27.516	29.901	32.261	36.899	55.6	0.050	1444.8	79
36	1	90	-0.807	-0.810	1.14	1.07	34.255	27.542	29.925	32.281	36.914	53.1	0.056	1445.9	89
36	1	100	-0.713	-0.716	1.24	1.17	34.296	27.571	29.953	32.307	36.937	50.3	0.061	1446.5	98
36	1	125	-1.650	-1.653	0.33	0.23	34.324	27.627	30.023	32.392	37.050	44.6	0.073	1442.5	123
36	1	150	-1.851	-1.854	0.15	0.03	34.354	27.657	30.056	32.428	37.092	41.6	0.084	1442.0	148
36	1	175	-1.627	-1.631	0.39	0.26	34.405	27.693	30.088	32.456	37.112	38.2	0.094	1443.6	173
36	1	200	-1.513	-1.518	0.53	0.38	34.439	27.717	30.110	32.476	37.129	35.9	0.103	1444.6	197
36	1	225	-1.544	-1.549	0.52	0.35	34.455	27.731	30.124	32.491	37.144	34.4	0.112	1444.8	222
36	1	250	-1.633	-1.639	0.45	0.26	34.463	27.740	30.135	32.503	37.159	33.3	0.120	1444.8	247
36	1	275	-1.705	-1.711	0.39	0.19	34.469	27.747	30.143	32.512	37.170	32.5	0.128	1444.9	271
36	1	300	-1.719	-1.726	0.40	0.17	34.479	27.755	30.152	32.521	37.180	31.5	0.136	1445.2	296
36	1	325	-1.755	-1.762	0.38	0.14	34.486	27.762	30.159	32.529	37.188	30.7	0.144	1445.5	321
36	1	350	-1.736	-1.744	0.42	0.16	34.494	27.768	30.165	32.534	37.193	30.1	0.152	1446.0	345
36	1	375	-1.807	-1.816	0.37	0.09	34.501	27.776	30.173	32.544	37.205	29.1	0.159	1446.1	370
36	1	400	-1.826	-1.835	0.37	0.07	34.514	27.787	30.185	32.556	37.217	27.9	0.166	1446.4	395
36	1	425	-1.838	-1.848	0.38	0.06	34.522	27.794	30.192	32.563	37.225	27.1	0.173	1446.8	419
36	1	450	-1.852	-1.862	0.38	0.04	34.531	27.801	30.200	32.571	37.233	26.2	0.180	1447.1	444
36	1	475	-1.863	-1.874	0.39	0.03	34.538	27.807	30.206	32.577	37.240	25.5	0.186	1447.5	469
36	1	500	-1.866	-1.878	0.41	0.03	34.543	27.812	30.210	32.582	37.244	25.0	0.193	1447.9	494
36	1	550	-1.869	-1.882	0.44	0.03	34.557	27.823	30.222	32.593	37.256	23.6	0.205	1448.7	543
36	1	553	-1.869	-1.882	0.44	0.03	34.557	27.823	30.222	32.593	37.256	23.6	0.205	1448.8	546

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.270	-169.815	552		1000	120	5	-4.	625	0905	27	JAN	1984	PS	84	2	36

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
36	2	0	-1.063	-1.063	0.81	0.81	34.058	27.392	29.780	32.141	36.783	67.6	0.000	1442.9	0
36	2	10	-1.077	-1.077	0.80	0.79	34.062	27.396	29.784	32.145	36.787	67.2	0.007	1443.0	9
36	2	20	-1.030	-1.031	0.85	0.84	34.091	27.418	29.805	32.165	36.806	65.1	0.013	1443.5	19
36	2	30	-1.016	-1.017	0.88	0.86	34.116	27.438	29.824	32.184	36.824	63.2	0.020	1443.7	29
36	2	40	-1.018	-1.019	0.88	0.85	34.126	27.446	29.833	32.193	36.833	62.4	0.026	1443.9	39
36	2	50	-1.016	-1.017	0.89	0.86	34.133	27.451	29.838	32.198	36.838	61.8	0.032	1444.1	49
36	2	60	-0.962	-0.964	0.96	0.91	34.195	27.500	29.885	32.244	36.882	57.2	0.038	1444.6	59
36	2	70	-0.834	-0.836	1.10	1.05	34.255	27.543	29.927	32.283	36.917	53.1	0.044	1445.4	69
36	2	80	-0.658	-0.660	1.29	1.22	34.304	27.576	29.956	32.310	36.938	50.0	0.049	1446.5	79
36	2	90	-0.691	-0.694	1.26	1.19	34.309	27.581	29.962	32.316	36.945	49.5	0.054	1446.5	89
36	2	100	-1.617	-1.619	0.34	0.27	34.324	27.626	30.022	32.390	37.047	44.9	0.059	1442.3	98
36	2	125	-1.736	-1.739	0.24	0.15	34.339	27.642	30.039	32.409	37.069	43.2	0.070	1442.1	123
36	2	150	-1.835	-1.838	0.16	0.05	34.362	27.663	30.062	32.434	37.097	41.0	0.080	1442.1	148
36	2	175	-1.591	-1.595	0.43	0.30	34.411	27.696	30.091	32.459	37.114	37.9	0.090	1443.7	173
36	2	200	-1.502	-1.507	0.54	0.39	34.429	27.708	30.101	32.468	37.120	36.7	0.099	1444.6	197
36	2	225	-1.502	-1.507	0.56	0.39	34.450	27.725	30.118	32.484	37.136	34.9	0.108	1445.0	222
36	2	250	-1.549	-1.555	0.53	0.34	34.457	27.733	30.126	32.493	37.146	34.1	0.117	1445.2	247
36	2	275	-1.659	-1.665	0.44	0.23	34.462	27.740	30.135	32.504	37.161	33.2	0.125	1445.1	271
36	2	300	-1.712	-1.719	0.41	0.18	34.470	27.748	30.144	32.514	37.172	32.3	0.133	1445.3	296
36	2	325	-1.745	-1.752	0.39	0.15	34.485	27.761	30.158	32.528	37.187	30.9	0.141	1445.5	321
36	2	350	-1.800	-1.808	0.36	0.09	34.493	27.769	30.167	32.537	37.198	29.9	0.149	1445.7	345
36	2	375	-1.816	-1.825	0.36	0.08	34.504	27.778	30.176	32.547	37.208	28.9	0.156	1446.0	370
36	2	400	-1.829	-1.838	0.37	0.07	34.516	27.789	30.187	32.558	37.219	27.8	0.163	1446.4	395
36	2	425	-1.849	-1.859	0.37	0.05	34.526	27.797	30.196	32.567	37.229	26.8	0.170	1446.7	419
36	2	450	-1.854	-1.864	0.38	0.04	34.532	27.802	30.201	32.572	37.234	26.1	0.177	1447.1	444
36	2	475	-1.864	-1.875	0.39	0.03	34.538	27.807	30.206	32.577	37.240	25.5	0.183	1447.5	469
36	2	500	-1.865	-1.877	0.41	0.03	34.543	27.812	30.210	32.582	37.244	25.0	0.190	1447.9	494



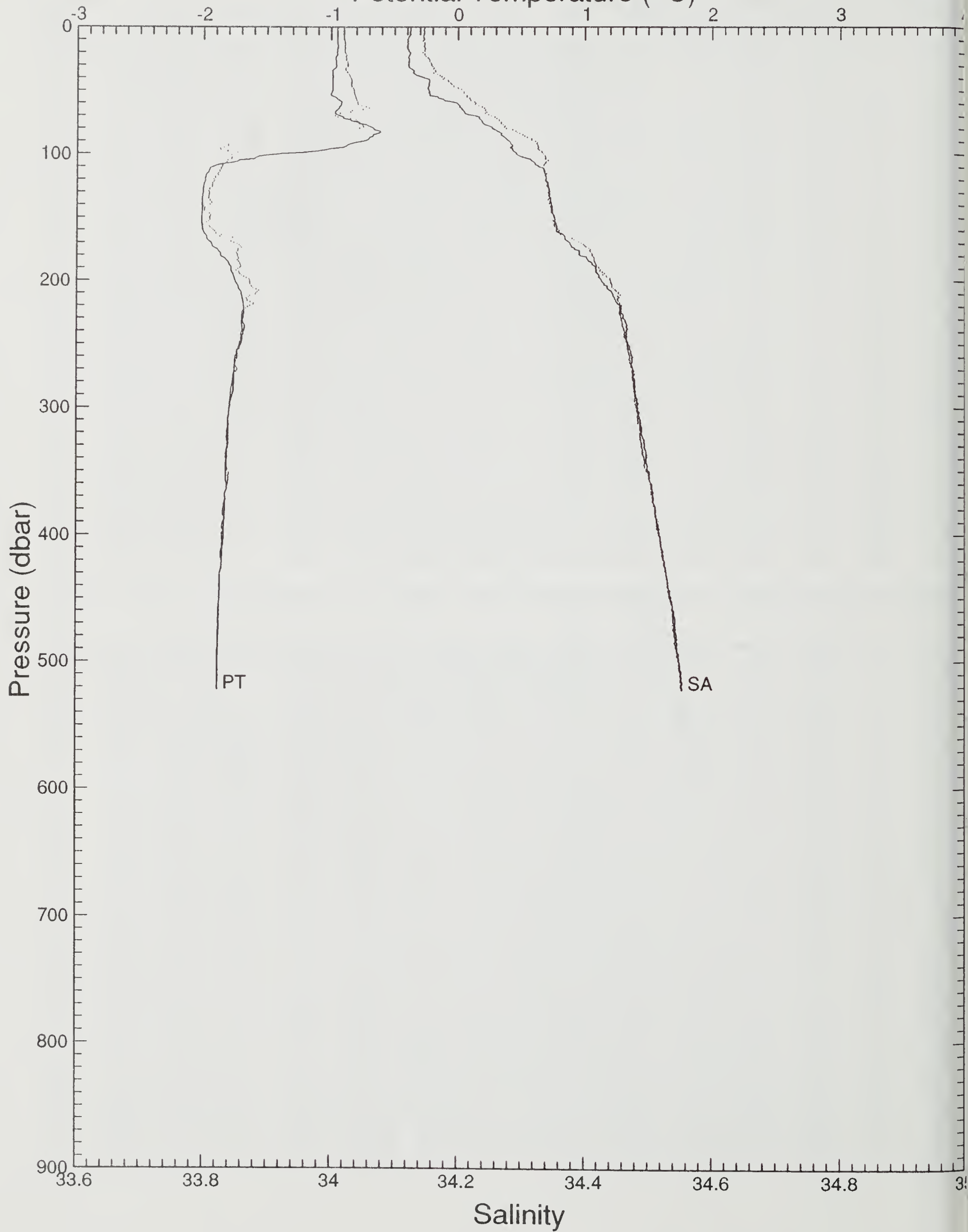
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.287	-168.508	580	3	1000	130	5	-6.	440	1108	27	JAN	1984	PS	84	1	37

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
37	1	0	-1.246	-1.246	0.62	0.62	33.994	27.347	29.738	32.102	36.750	71.9	0.000	1442.0	0
37	1	10	-1.180	-1.180	0.70	0.69	34.039	27.381	29.771	32.134	36.779	68.6	0.007	1442.5	9
37	1	20	-1.111	-1.111	0.77	0.76	34.088	27.418	29.807	32.168	36.811	65.1	0.014	1443.1	19
37	1	30	-0.943	-0.944	0.95	0.93	34.150	27.462	29.848	32.207	36.844	60.9	0.020	1444.1	29
37	1	40	-0.916	-0.917	0.99	0.96	34.159	27.469	29.854	32.212	36.849	60.2	0.026	1444.4	39
37	1	50	-0.902	-0.903	1.01	0.97	34.167	27.475	29.859	32.217	36.854	59.6	0.032	1444.6	49
37	1	60	-0.910	-0.912	1.01	0.96	34.171	27.478	29.863	32.221	36.858	59.2	0.038	1444.8	59
37	1	70	-0.898	-0.900	1.03	0.98	34.195	27.497	29.882	32.240	36.875	57.4	0.044	1445.0	69
37	1	80	-0.876	-0.878	1.06	1.00	34.211	27.509	29.893	32.251	36.886	56.2	0.050	1445.3	79
37	1	90	-0.921	-0.923	1.03	0.96	34.259	27.550	29.935	32.293	36.929	52.4	0.055	1445.3	89
37	1	100	-0.583	-0.586	1.37	1.30	34.293	27.563	29.943	32.296	36.921	51.1	0.060	1447.1	98
37	1	125	-1.307	-1.310	0.67	0.58	34.320	27.613	30.004	32.368	37.015	46.1	0.072	1444.2	123
37	1	150	-1.389	-1.393	0.61	0.49	34.338	27.631	30.022	32.387	37.037	44.3	0.084	1444.2	148
37	1	175	-1.728	-1.732	0.29	0.16	34.363	27.661	30.058	32.428	37.088	41.1	0.094	1443.0	173
37	1	200	-1.769	-1.773	0.27	0.12	34.418	27.707	30.105	32.475	37.135	36.6	0.104	1443.3	197
37	1	225	-1.717	-1.722	0.34	0.17	34.454	27.735	30.131	32.501	37.159	33.9	0.113	1444.0	222
37	1	250	-1.713	-1.719	0.37	0.18	34.467	27.745	30.142	32.511	37.169	32.8	0.121	1444.4	247
37	1	275	-1.750	-1.756	0.35	0.14	34.476	27.754	30.151	32.521	37.180	31.8	0.129	1444.7	271
37	1	300	-1.731	-1.738	0.39	0.16	34.486	27.761	30.158	32.528	37.186	31.0	0.137	1445.2	296
37	1	325	-1.789	-1.796	0.35	0.10	34.491	27.767	30.165	32.535	37.196	30.2	0.145	1445.3	321
37	1	350	-1.802	-1.810	0.35	0.09	34.498	27.773	30.171	32.541	37.202	29.5	0.152	1445.7	345
37	1	375	-1.812	-1.821	0.36	0.08	34.504	27.778	30.176	32.547	37.208	28.9	0.159	1446.1	370
37	1	400	-1.824	-1.833	0.37	0.07	34.515	27.788	30.186	32.556	37.218	27.8	0.167	1446.4	395
37	1	425	-1.841	-1.851	0.37	0.05	34.524	27.795	30.194	32.565	37.227	27.0	0.173	1446.8	419
37	1	450	-1.848	-1.858	0.39	0.05	34.532	27.802	30.200	32.572	37.234	26.2	0.180	1447.1	444
37	1	475	-1.855	-1.866	0.40	0.04	34.537	27.806	30.205	32.576	37.238	25.6	0.186	1447.5	469
37	1	500	-1.863	-1.875	0.41	0.03	34.546	27.814	30.212	32.584	37.246	24.8	0.193	1447.9	494
37	1	550	-1.870	-1.883	0.44	0.03	34.556	27.822	30.221	32.592	37.255	23.7	0.205	1448.7	543
37	1	581	-1.869	-1.883	0.47	0.03	34.557	27.823	30.222	32.593	37.256	23.4	0.212	1449.2	573

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.280	-168.587	580	3	1000	130	7	-6.	725	1154	27	JAN	1984	PS	84	2	37

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
37	2	0	-1.201	-1.201	0.67	0.67	34.019	27.365	29.756	32.119	36.765	70.1	0.000	1442.2	0
37	2	10	-1.207	-1.207	0.67	0.66	34.015	27.362	29.753	32.116	36.763	70.4	0.007	1442.3	9
37	2	20	-1.137	-1.137	0.75	0.73	34.057	27.394	29.783	32.145	36.789	67.3	0.014	1442.9	19
37	2	30	-0.903	-0.904	0.99	0.97	34.147	27.458	29.843	32.201	36.838	61.2	0.020	1444.3	29
37	2	40	-0.904	-0.905	1.00	0.97	34.168	27.475	29.860	32.218	36.855	59.6	0.026	1444.5	39
37	2	50	-0.911	-0.912	1.00	0.96	34.178	27.484	29.869	32.227	36.863	58.7	0.032	1444.6	49
37	2	60	-0.896	-0.898	1.02	0.98	34.185	27.489	29.874	32.231	36.867	58.2	0.038	1444.9	59
37	2	70	-0.840	-0.842	1.09	1.04	34.216	27.512	29.896	32.252	36.886	56.0	0.044	1445.3	69
37	2	80	-0.611	-0.613	1.33	1.27	34.277	27.552	29.932	32.285	36.911	52.3	0.049	1446.6	79
37	2	90	-0.586	-0.589	1.36	1.29	34.281	27.554	29.933	32.286	36.912	52.1	0.055	1446.9	89
37	2	100	-0.612	-0.615	1.35	1.27	34.299	27.570	29.949	32.302	36.929	50.5	0.060	1447.0	98
37	2	125	-1.405	-1.408	0.57	0.48	34.314	27.612	30.004	32.369	37.019	46.2	0.072	1443.7	123
37	2	150	-1.219	-1.223	0.78	0.67	34.360	27.643	30.032	32.394	37.038	43.2	0.083	1445.0	148
37	2	175	-1.880	-1.884	0.14	0.01	34.360	27.663	30.062	32.435	37.099	40.9	0.093	1442.3	173
37	2	200	-1.750	-1.754	0.29	0.14	34.422	27.710	30.107	32.477	37.137	36.4	0.103	1443.4	197
37	2	225	-1.705	-1.710	0.35	0.19	34.453	27.734	30.130	32.499	37.158	34.0	0.112	1444.1	222
37	2	250	-1.692	-1.698	0.39	0.20	34.468	27.746	30.142	32.511	37.168	32.8	0.120	1444.5	247
37	2	275	-1.752	-1.758	0.35	0.14	34.474	27.752	30.149	32.519	37.179	32.0	0.128	1444.7	271
37	2	300	-1.767	-1.774	0.35	0.13	34.479	27.757	30.154	32.524	37.184	31.4	0.136	1445.0	296
37	2	325	-1.791	-1.798	0.35	0.10	34.487	27.764	30.161	32.532	37.193	30.5	0.144	1445.3	321
37	2	350	-1.803	-1.811	0.35	0.09	34.497	27.772	30.170	32.541	37.202	29.6	0.151	1445.7	345
37	2	375	-1.809	-1.818	0.37	0.09	34.505	27.779	30.177	32.548	37.209	28.8	0.159	1446.1	370
37	2	400	-1.824	-1.833	0.37	0.07	34.515	27.788	30.186	32.556	37.218	27.8	0.166	1446.4	395
37	2	425	-1.832	-1.842	0.38	0.06	34.525	27.796	30.194	32.565	37.227	26.9	0.173	1446.8	419
37	2	450	-1.847	-1.857	0.39	0.05	34.530	27.801	30.199	32.570	37.232	26.3	0.179	1447.2	444
37	2	475	-1.857	-1.868	0.40	0.04	34.538	27.807	30.206	32.577	37.239	25.5	0.186	1447.5	469
37	2	500	-1.863	-1.875	0.41	0.03	34.545	27.813	30.212	32.583	37.246	24.8	0.192	1447.9	494
37	2	550	-1.869	-1.882	0.44	0.03	34.554	27.821	30.219	32.591	37.253	23.8	0.204	1448.7	543
37	2	581	-1.869	-1.883	0.47	0.03	34.558	27.824	30.222	32.594	37.257	23.3	0.212	1449.2	573

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.293	-167.055	542		1001	90	9	-4.	2130	1425	27	JAN	1984	PS	84	1	38

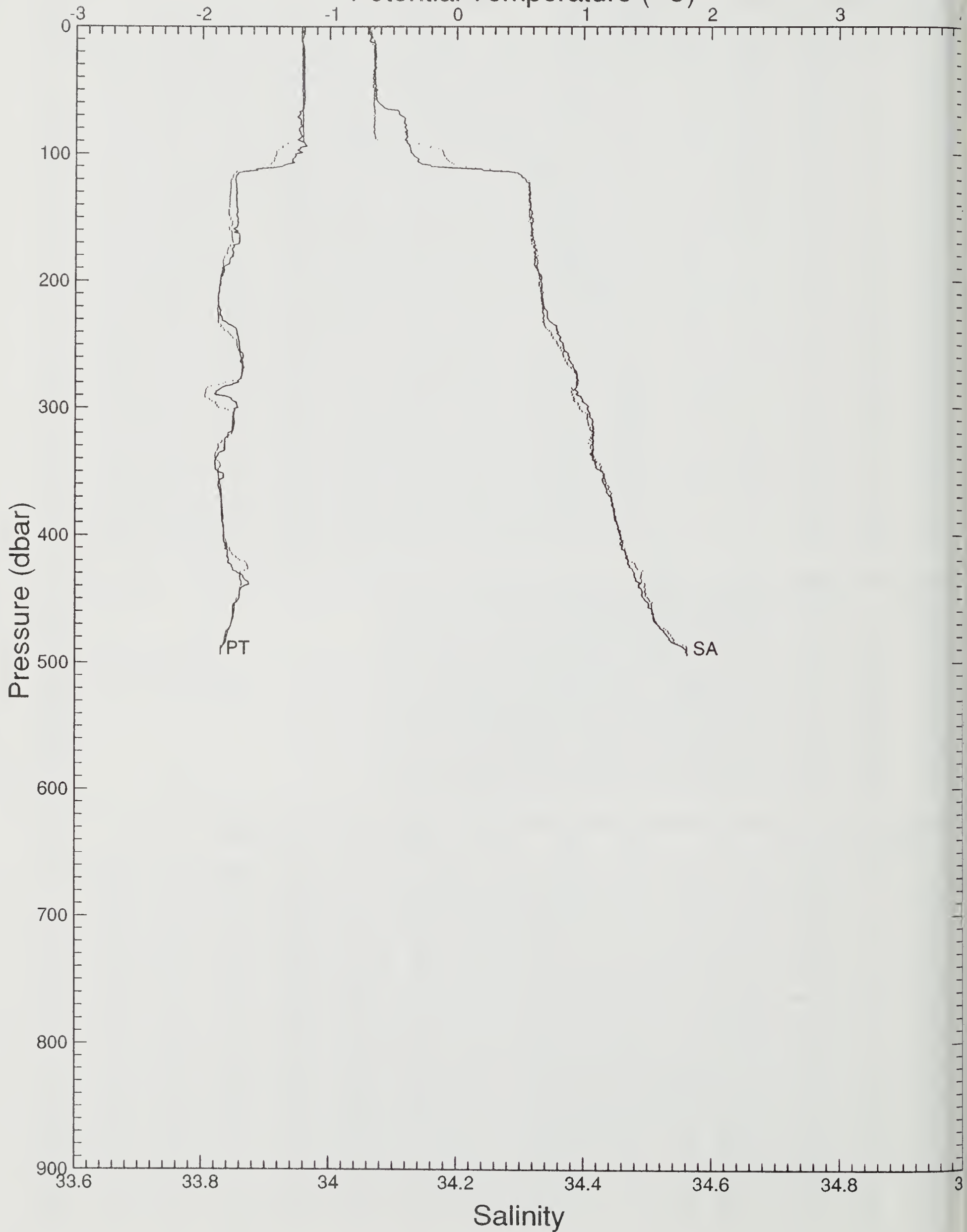
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
38	1	0	-0.952	-0.952	0.92	0.92	34.125	27.442	29.828	32.187	36.825	62.9	0.000	1443.5	0
38	1	10	-0.951	-0.951	0.93	0.92	34.120	27.438	29.824	32.183	36.821	63.2	0.006	1443.7	9
38	1	20	-0.954	-0.955	0.93	0.92	34.125	27.442	29.828	32.187	36.825	62.8	0.013	1443.9	19
38	1	30	-0.956	-0.957	0.94	0.92	34.122	27.440	29.826	32.185	36.823	63.0	0.019	1444.0	29
38	1	40	-0.986	-0.987	0.92	0.89	34.147	27.462	29.848	32.207	36.846	60.9	0.025	1444.1	39
38	1	50	-0.987	-0.988	0.92	0.89	34.154	27.467	29.854	32.213	36.852	60.3	0.031	1444.2	49
38	1	60	-0.917	-0.919	1.00	0.96	34.199	27.501	29.886	32.244	36.880	57.1	0.037	1444.8	59
38	1	70	-0.929	-0.931	1.00	0.95	34.227	27.524	29.909	32.267	36.904	54.8	0.043	1444.9	69
38	1	80	-0.662	-0.664	1.28	1.22	34.254	27.535	29.916	32.270	36.898	53.8	0.048	1446.4	79
38	1	90	-0.745	-0.748	1.20	1.14	34.281	27.561	29.943	32.298	36.928	51.4	0.053	1446.2	89
38	1	100	-1.391	-1.393	0.57	0.49	34.292	27.593	29.985	32.350	37.000	48.1	0.058	1443.3	98
38	1	125	-1.995	-1.997	-0.02	-0.11	34.343	27.652	30.053	32.427	37.096	42.2	0.070	1440.9	123
38	1	150	-2.008	-2.011	-0.01	-0.12	34.353	27.660	30.062	32.436	37.105	41.2	0.080	1441.2	148
38	1	175	-1.886	-1.890	0.13	0.00	34.384	27.683	30.082	32.454	37.119	39.0	0.090	1442.3	173
38	1	200	-1.743	-1.747	0.30	0.15	34.427	27.714	30.111	32.481	37.140	36.0	0.099	1443.4	197
38	1	225	-1.677	-1.682	0.38	0.21	34.454	27.734	30.130	32.498	37.156	34.0	0.108	1444.2	222
38	1	250	-1.694	-1.700	0.39	0.20	34.468	27.746	30.142	32.511	37.168	32.8	0.116	1444.5	247
38	1	275	-1.750	-1.756	0.35	0.14	34.476	27.754	30.151	32.521	37.180	31.8	0.125	1444.7	271
38	1	300	-1.783	-1.790	0.34	0.11	34.484	27.761	30.159	32.529	37.189	30.9	0.132	1444.9	296
38	1	325	-1.802	-1.809	0.34	0.09	34.494	27.770	30.168	32.538	37.199	30.0	0.140	1445.3	321
38	1	350	-1.811	-1.819	0.35	0.08	34.502	27.777	30.174	32.545	37.206	29.2	0.147	1445.7	345
38	1	375	-1.817	-1.826	0.36	0.08	34.509	27.783	30.180	32.551	37.212	28.5	0.155	1446.0	370
38	1	400	-1.825	-1.834	0.37	0.07	34.517	27.789	30.187	32.558	37.220	27.7	0.162	1446.4	395
38	1	425	-1.842	-1.852	0.37	0.05	34.528	27.799	30.197	32.568	37.230	26.6	0.168	1446.8	419
38	1	450	-1.857	-1.867	0.38	0.04	34.535	27.805	30.203	32.575	37.237	25.9	0.175	1447.1	444
38	1	475	-1.866	-1.877	0.39	0.03	34.543	27.812	30.210	32.582	37.244	25.1	0.181	1447.5	469
38	1	500	-1.869	-1.881	0.40	0.03	34.549	27.817	30.215	32.587	37.249	24.5	0.188	1447.9	494
38	1	522	-1.869	-1.881	0.42	0.03	34.554	27.821	30.219	32.591	37.253	24.0	0.193	1448.3	515

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
38	4	3	-0.898	-0.898	34.148	27.459	9.32	12.5	1.19	71.5						2.53	12	3
38	4	67	-0.847	-0.849	34.245	27.536	8.51	18.2	1.46	64.6							11	66
38		92	-1.747	-1.749	34.328	27.633	7.01	28.3	2.05	73.5							10	91
38		126	-1.931	-1.933	34.344	27.651	6.80	29.4	2.09	73.8							9	125
38		165	-1.865	-1.868	34.370	27.671	6.71	27.6	2.01	73.7				3.60	1.64		8	163
38		228	-1.689	-1.694	34.457	27.737	6.40	28.6	2.02	74.3				3.04	1.38		7	225
38		305	-1.788	-1.795	34.482	27.760	6.59	30.3	2.12	74.2							6	301
38		354	-1.793	-1.801	34.500	27.775	6.54	30.5	2.14	74.5							5	350
38		404	-1.840	-1.849	34.520	27.792	6.56	30.5	2.13	74.1							4	399
38		459	-1.857	-1.868	34.538	27.807	6.58	30.4	2.12	74.0							3	453
38		510	-1.870	-1.882	34.552	27.819	6.57	29.9	2.13	74.7							2	504
38		522	-1.868	-1.880	34.553	27.820	6.57	29.9	2.13	74.8				3.69			1	516

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.298	-167.165	542		1001	90	10	-4.	2280	1533	27	JAN	1984	PS	84	2	38

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
38	2	0	-0.898	-0.898	0.97	0.97	34.148	27.459	29.844	32.202	36.838	61.3	0.000	1443.8	0
38	2	10	-0.897	-0.897	0.98	0.98	34.146	27.457	29.842	32.200	36.836	61.4	0.006	1444.0	9
38	2	20	-0.891	-0.892	1.00	0.98	34.144	27.455	29.840	32.198	36.834	61.5	0.012	1444.2	19
38	2	30	-0.869	-0.870	1.03	1.01	34.158	27.466	29.850	32.208	36.843	60.5	0.018	1444.5	29
38	2	40	-0.843	-0.844	1.06	1.03	34.178	27.481	29.865	32.222	36.856	59.0	0.024	1444.8	39
38	2	50	-0.819	-0.820	1.09	1.06	34.207	27.504	29.887	32.244	36.877	56.9	0.030	1445.1	49
38	2	60	-0.789	-0.791	1.13	1.09	34.228	27.519	29.902	32.258	36.891	55.4	0.036	1445.4	59
38	2	70	-0.966	-0.968	0.97	0.91	34.253	27.547	29.932	32.291	36.928	52.7	0.041	1444.8	69
38	2	80	-0.776	-0.778	1.17	1.10	34.276	27.558	29.940	32.296	36.927	51.7	0.046	1445.9	79
38	2	90	-1.675	-1.677	0.28	0.21	34.322	27.626	30.023	32.392	37.050	44.9	0.051	1441.8	89
38	2	100	-1.704	-1.706	0.26	0.18	34.335	27.638	30.034	32.404	37.063	43.8	0.056	1441.9	98
38	2	125	-1.927	-1.929	0.05	-0.04	34.340	27.648	30.048	32.421	37.087	42.6	0.067	1441.2	123
38	2	150	-1.947	-1.950	0.05	-0.06	34.352	27.658	30.059	32.432	37.099	41.5	0.077	1441.5	148
38	2	175	-1.720	-1.724	0.30	0.17	34.409	27.698	30.095	32.465	37.124	37.6	0.087	1443.1	173
38	2	200	-1.627	-1.632	0.41	0.26	34.441	27.722	30.117	32.485	37.141	35.3	0.096	1444.0	197
38	2	225	-1.689	-1.694	0.37	0.20	34.456	27.736	30.132	32.501	37.158	33.8	0.105	1444.1	222
38	2	250	-1.706	-1.712	0.37	0.19	34.467	27.745	30.141	32.511	37.169	32.8	0.113	1444.5	247
38	2	275	-1.756	-1.762	0.34	0.14	34.477	27.755	30.152	32.522	37.181	31.7	0.121	1444.7	271
38	2	300	-1.781	-1.788	0.34	0.11	34.482	27.760	30.157	32.527	37.188	31.1	0.129	1445.0	296
38	2	325	-1.793	-1.800	0.34	0.10	34.488	27.765	30.162	32.533	37.193	30.5	0.137	1445.3	321

Potential Temperature (°C)



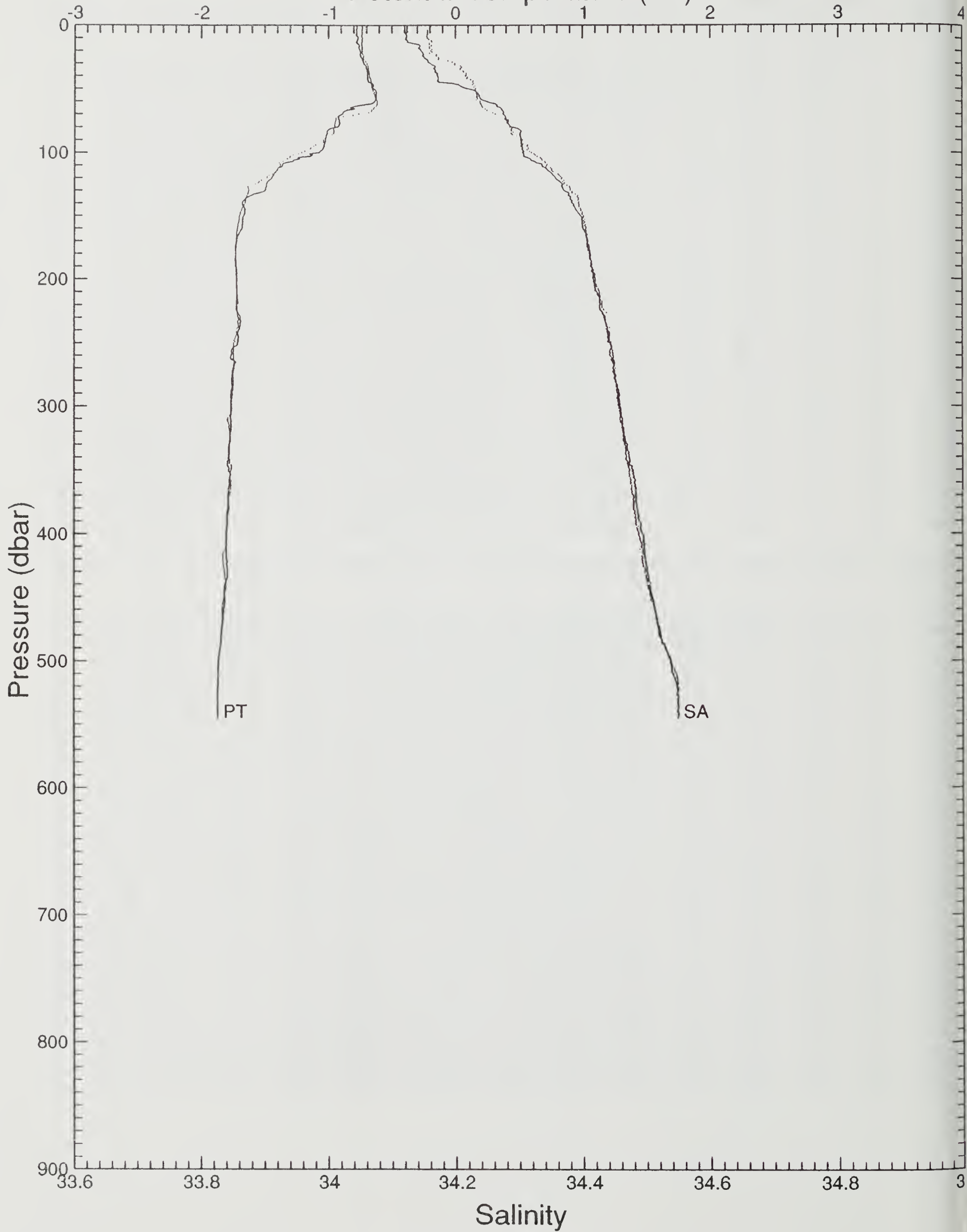
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.328	-165.805	494	3	1001	100	12	-6.	910	1802	27	JAN	1984	PS	84	1	39

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
39	1	0	-1.223	-1.223	0.65	0.65	34.063	27.402	29.792	32.156	36.802	66.7	0.000	1442.2	0
39	1	10	-1.221	-1.221	0.65	0.65	34.064	27.403	29.793	32.156	36.803	66.6	0.007	1442.3	9
39	1	20	-1.204	-1.204	0.68	0.67	34.071	27.408	29.798	32.161	36.807	66.0	0.013	1442.6	19
39	1	30	-1.199	-1.200	0.69	0.67	34.071	27.408	29.797	32.160	36.806	66.0	0.020	1442.8	29
39	1	40	-1.202	-1.203	0.70	0.67	34.071	27.408	29.798	32.161	36.807	66.0	0.027	1442.9	39
39	1	50	-1.200	-1.201	0.71	0.67	34.075	27.411	29.801	32.164	36.810	65.6	0.033	1443.1	49
39	1	60	-1.203	-1.204	0.71	0.67	34.077	27.413	29.803	32.166	36.812	65.4	0.040	1443.3	59
39	1	70	-1.237	-1.239	0.69	0.63	34.112	27.442	29.833	32.196	36.843	62.5	0.046	1443.3	69
39	1	80	-1.239	-1.241	0.69	0.63	34.119	27.448	29.838	32.202	36.848	62.0	0.052	1443.5	79
39	1	90	-1.230	-1.232	0.71	0.64	34.122	27.450	29.840	32.204	36.850	61.7	0.058	1443.7	89
39	1	100	-1.273	-1.275	0.68	0.60	34.131	27.459	29.850	32.214	36.861	60.8	0.065	1443.7	98
39	1	125	-1.729	-1.732	0.25	0.15	34.314	27.621	30.019	32.389	37.049	45.2	0.078	1442.1	123
39	1	150	-1.719	-1.722	0.28	0.16	34.318	27.624	30.021	32.392	37.051	44.7	0.089	1442.6	148
39	1	175	-1.761	-1.765	0.25	0.12	34.324	27.630	30.028	32.399	37.060	44.0	0.100	1442.8	173
39	1	200	-1.853	-1.857	0.18	0.03	34.333	27.640	30.039	32.411	37.075	42.9	0.111	1442.8	197
39	1	225	-1.851	-1.856	0.20	0.03	34.343	27.648	30.047	32.419	37.083	42.0	0.122	1443.2	222
39	1	250	-1.699	-1.705	0.37	0.19	34.368	27.665	30.061	32.431	37.089	40.4	0.132	1444.4	247
39	1	275	-1.679	-1.685	0.41	0.21	34.390	27.682	30.078	32.447	37.105	38.6	0.142	1444.9	271
39	1	300	-1.707	-1.714	0.41	0.18	34.406	27.696	30.092	32.462	37.120	37.2	0.151	1445.2	296
39	1	325	-1.808	-1.815	0.32	0.08	34.414	27.705	30.103	32.474	37.136	36.1	0.160	1445.1	321
39	1	350	-1.865	-1.873	0.29	0.03	34.430	27.720	30.118	32.490	37.154	34.5	0.169	1445.3	345
39	1	375	-1.835	-1.843	0.34	0.06	34.446	27.732	30.130	32.502	37.164	33.2	0.178	1445.9	370
39	1	400	-1.818	-1.827	0.37	0.07	34.457	27.740	30.138	32.509	37.171	32.3	0.186	1446.4	395
39	1	425	-1.751	-1.761	0.46	0.14	34.471	27.750	30.147	32.517	37.176	31.3	0.194	1447.1	419
39	1	450	-1.692	-1.703	0.54	0.20	34.495	27.768	30.164	32.533	37.190	29.6	0.201	1447.8	444
39	1	475	-1.778	-1.789	0.48	0.12	34.526	27.795	30.193	32.563	37.223	26.8	0.208	1447.9	469
39	1	494	-1.836	-1.848	0.43	0.06	34.563	27.827	30.225	32.596	37.257	23.6	0.213	1448.0	488

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.327	-165.860	494	3	1001	100	12	-5.	610	1828	27	JAN	1984	PS	84	2	39

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
39	2	0	-1.220	-1.220	0.65	0.65	34.070	27.407	29.798	32.161	36.808	66.2	0.000	1442.2	0
39	2	10	-1.217	-1.217	0.66	0.65	34.069	27.407	29.797	32.160	36.806	66.2	0.007	1442.4	9
39	2	20	-1.215	-1.215	0.67	0.65	34.069	27.406	29.797	32.160	36.806	66.2	0.013	1442.5	19
39	2	30	-1.215	-1.216	0.68	0.65	34.070	27.407	29.797	32.161	36.807	66.0	0.020	1442.7	29
39	2	40	-1.214	-1.215	0.69	0.66	34.068	27.406	29.796	32.159	36.805	66.1	0.027	1442.9	39
39	2	50	-1.213	-1.214	0.69	0.66	34.070	27.407	29.797	32.161	36.807	65.9	0.033	1443.0	49
39	2	60	-1.211	-1.212	0.70	0.66	34.069	27.406	29.797	32.160	36.806	66.0	0.040	1443.2	59
39	2	70	-1.208	-1.210	0.71	0.66	34.069	27.406	29.796	32.160	36.806	65.9	0.046	1443.4	69
39	2	80	-1.205	-1.207	0.72	0.66	34.070	27.407	29.797	32.160	36.806	65.8	0.053	1443.6	79
39	2	90	-1.205	-1.207	0.73	0.66	34.077	27.413	29.803	32.166	36.812	65.2	0.059	1443.7	89
39	2	100	-1.413	-1.415	0.54	0.46	34.179	27.502	29.895	32.261	36.913	56.7	0.066	1443.1	98
39	2	125	-1.772	-1.775	0.21	0.11	34.314	27.623	30.020	32.391	37.053	45.0	0.078	1441.9	123
39	2	150	-1.773	-1.776	0.22	0.11	34.315	27.623	30.021	32.392	37.054	44.8	0.089	1442.3	148
39	2	175	-1.790	-1.794	0.23	0.09	34.326	27.633	30.031	32.402	37.064	43.8	0.101	1442.7	173
39	2	200	-1.852	-1.856	0.18	0.03	34.333	27.640	30.039	32.411	37.075	42.9	0.111	1442.8	197
39	2	225	-1.866	-1.871	0.19	0.02	34.336	27.643	30.042	32.415	37.079	42.5	0.122	1443.1	222
39	2	250	-1.717	-1.723	0.36	0.17	34.360	27.659	30.055	32.425	37.085	40.9	0.132	1444.3	247
39	2	275	-1.678	-1.684	0.42	0.21	34.389	27.681	30.077	32.446	37.104	38.7	0.142	1444.9	271
39	2	300	-1.860	-1.866	0.25	0.03	34.393	27.689	30.088	32.460	37.124	37.6	0.152	1444.5	296
39	2	325	-1.810	-1.817	0.32	0.08	34.409	27.701	30.099	32.470	37.132	36.4	0.161	1445.1	321
39	2	350	-1.860	-1.868	0.29	0.03	34.427	27.717	30.116	32.488	37.151	34.7	0.170	1445.3	345
39	2	375	-1.829	-1.837	0.34	0.06	34.445	27.731	30.129	32.500	37.163	33.3	0.179	1445.9	370
39	2	400	-1.813	-1.822	0.38	0.08	34.459	27.742	30.140	32.511	37.172	32.2	0.187	1446.4	395
39	2	425	-1.625	-1.636	0.59	0.27	34.482	27.755	30.150	32.518	37.174	31.0	0.195	1447.7	419
39	2	450	-1.711	-1.722	0.52	0.18	34.502	27.774	30.170	32.539	37.198	29.0	0.202	1447.8	444
39	2	475	-1.790	-1.801	0.46	0.10	34.532	27.801	30.198	32.568	37.229	26.3	0.209	1447.8	469
39	2	494	-1.836	-1.848	0.43	0.06	34.562	27.826	30.224	32.595	37.257	23.7	0.214	1448.0	488

Potential Temperature (°C)

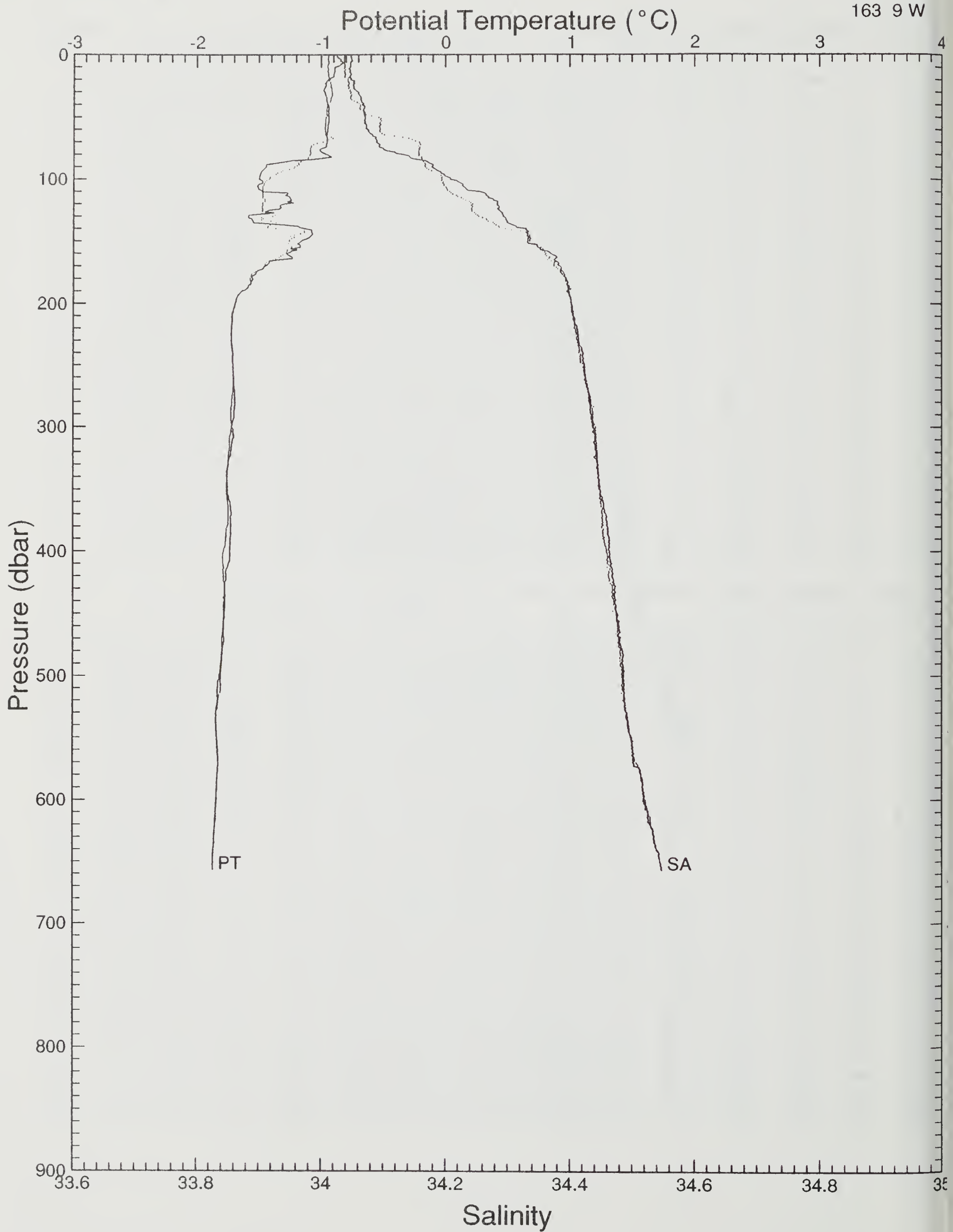


LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-78.133 -164.487 547 5 1001 90 6 -6. 2620 2050 27 JAN 1984 PS 84 1 40

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
40	1	0	-0.776	-0.776	1.10	1.10	34.124	27.435	29.818	32.174	36.807	63.6	0.000	1444.4	0
40	1	10	-0.768	-0.768	1.11	1.10	34.122	27.433	29.816	32.172	36.804	63.7	0.006	1444.6	9
40	1	20	-0.749	-0.750	1.14	1.12	34.146	27.451	29.834	32.190	36.821	61.9	0.013	1444.8	19
40	1	30	-0.721	-0.722	1.18	1.15	34.161	27.462	29.844	32.200	36.831	60.9	0.019	1445.2	29
40	1	40	-0.693	-0.694	1.21	1.18	34.172	27.470	29.852	32.207	36.836	60.1	0.025	1445.5	39
40	1	50	-0.649	-0.650	1.27	1.23	34.218	27.506	29.886	32.240	36.868	56.7	0.031	1445.9	49
40	1	60	-0.633	-0.635	1.29	1.25	34.249	27.530	29.910	32.264	36.891	54.4	0.036	1446.2	59
40	1	70	-0.888	-0.890	1.04	0.99	34.275	27.562	29.946	32.303	36.938	51.3	0.042	1445.2	69
40	1	80	-0.925	-0.927	1.02	0.96	34.289	27.574	29.959	32.317	36.953	50.1	0.047	1445.2	79
40	1	90	-1.020	-1.022	0.93	0.86	34.303	27.589	29.975	32.335	36.973	48.6	0.052	1444.9	89
40	1	100	-1.068	-1.071	0.89	0.81	34.306	27.594	29.980	32.340	36.980	48.1	0.056	1444.9	98
40	1	125	-1.483	-1.486	0.50	0.40	34.369	27.659	30.052	32.418	37.070	41.7	0.068	1443.4	123
40	1	150	-1.658	-1.661	0.34	0.23	34.397	27.687	30.083	32.451	37.109	38.9	0.078	1443.0	148
40	1	175	-1.723	-1.727	0.30	0.17	34.411	27.700	30.097	32.467	37.126	37.4	0.087	1443.1	173
40	1	200	-1.715	-1.719	0.32	0.17	34.417	27.705	30.101	32.471	37.130	36.9	0.097	1443.6	197
40	1	225	-1.708	-1.713	0.35	0.18	34.430	27.715	30.112	32.481	37.139	35.8	0.106	1444.0	222
40	1	250	-1.705	-1.711	0.37	0.18	34.445	27.727	30.124	32.493	37.151	34.5	0.114	1444.5	247
40	1	275	-1.741	-1.747	0.36	0.15	34.450	27.732	30.129	32.499	37.158	33.8	0.123	1444.7	271
40	1	300	-1.755	-1.762	0.36	0.14	34.458	27.739	30.136	32.506	37.166	33.0	0.131	1445.0	296
40	1	325	-1.761	-1.768	0.38	0.13	34.467	27.747	30.144	32.514	37.174	32.2	0.139	1445.4	321
40	1	350	-1.774	-1.782	0.38	0.12	34.480	27.758	30.155	32.525	37.185	31.0	0.147	1445.8	345
40	1	375	-1.776	-1.785	0.40	0.12	34.484	27.761	30.158	32.529	37.189	30.5	0.155	1446.2	370
40	1	400	-1.789	-1.798	0.41	0.10	34.494	27.770	30.167	32.538	37.198	29.6	0.163	1446.6	395
40	1	425	-1.783	-1.793	0.43	0.11	34.500	27.774	30.172	32.542	37.202	29.0	0.170	1447.0	419
40	1	450	-1.800	-1.811	0.43	0.09	34.510	27.783	30.181	32.551	37.212	28.0	0.177	1447.4	444
40	1	475	-1.823	-1.834	0.43	0.07	34.521	27.793	30.190	32.561	37.223	27.0	0.184	1447.7	469
40	1	500	-1.847	-1.859	0.42	0.05	34.539	27.808	30.206	32.577	37.239	25.4	0.190	1448.0	494
40	1	545	-1.851	-1.864	0.46	0.05	34.549	27.816	30.214	32.586	37.248	24.3	0.202	1448.7	538

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-78.133 -164.500 547 1001 80 6 -5. 3220 2123 27 JAN 1984 PS 84 2 40

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
40	2	0	-0.734	-0.734	1.14	1.14	34.161	27.463	29.845	32.201	36.832	60.9	0.000	1444.6	0
40	2	10	-0.733	-0.733	1.15	1.14	34.156	27.459	29.841	32.197	36.828	61.3	0.006	1444.8	9
40	2	20	-0.734	-0.735	1.16	1.14	34.161	27.463	29.845	32.201	36.832	60.8	0.012	1444.9	19
40	2	30	-0.694	-0.695	1.21	1.18	34.199	27.492	29.874	32.228	36.858	58.1	0.018	1445.3	29
40	2	40	-0.676	-0.677	1.23	1.20	34.216	27.505	29.886	32.241	36.870	56.8	0.024	1445.6	39
40	2	50	-0.653	-0.654	1.26	1.22	34.232	27.517	29.898	32.252	36.880	55.6	0.030	1445.9	49
40	2	60	-0.614	-0.616	1.31	1.27	34.239	27.521	29.901	32.255	36.881	55.2	0.035	1446.2	59
40	2	70	-0.758	-0.760	1.18	1.12	34.263	27.547	29.929	32.284	36.915	52.8	0.041	1445.8	69
40	2	80	-0.950	-0.952	0.99	0.93	34.286	27.573	29.958	32.316	36.953	50.2	0.046	1445.1	79
40	2	90	-1.035	-1.037	0.92	0.85	34.306	27.592	29.979	32.338	36.977	48.3	0.051	1444.9	89
40	2	100	-1.204	-1.207	0.76	0.68	34.320	27.610	29.999	32.361	37.005	46.6	0.055	1444.2	98
40	2	125	-1.568	-1.571	0.41	0.32	34.371	27.663	30.058	32.425	37.080	41.3	0.066	1443.0	123
40	2	150	-1.692	-1.695	0.31	0.20	34.402	27.692	30.088	32.457	37.116	38.4	0.076	1442.8	148
40	2	175	-1.719	-1.723	0.30	0.17	34.408	27.698	30.094	32.464	37.123	37.7	0.086	1443.1	173
40	2	200	-1.710	-1.714	0.33	0.18	34.421	27.708	30.104	32.474	37.132	36.6	0.095	1443.6	197
40	2	225	-1.710	-1.715	0.35	0.18	34.431	27.716	30.112	32.482	37.140	35.7	0.104	1444.0	222
40	2	250	-1.735	-1.741	0.34	0.15	34.445	27.728	30.125	32.495	37.154	34.4	0.113	1444.3	247
40	2	275	-1.745	-1.751	0.35	0.15	34.452	27.734	30.131	32.501	37.160	33.7	0.121	1444.7	271
40	2	300	-1.751	-1.758	0.37	0.14	34.457	27.738	30.135	32.505	37.165	33.1	0.130	1445.1	296
40	2	325	-1.762	-1.769	0.37	0.13	34.465	27.745	30.142	32.513	37.172	32.3	0.138	1445.4	321
40	2	350	-1.754	-1.762	0.40	0.14	34.474	27.752	30.149	32.519	37.179	31.5	0.146	1445.9	345
40	2	375	-1.772	-1.781	0.40	0.12	34.480	27.758	30.155	32.525	37.185	30.9	0.154	1446.2	370
40	2	400	-1.791	-1.800	0.40	0.10	34.488	27.765	30.162	32.533	37.193	30.0	0.161	1446.5	395
40	2	425	-1.813	-1.823	0.40	0.08	34.495	27.771	30.169	32.540	37.201	29.3	0.169	1446.9	419
40	2	450	-1.805	-1.816	0.43	0.09	34.508	27.781	30.179	32.550	37.211	28.2	0.176	1447.3	444
40	2	475	-1.822	-1.833	0.43	0.07	34.519	27.791	30.189	32.560	37.221	27.1	0.183	1447.7	469
40	2	500	-1.847	-1.859	0.42	0.05	34.538	27.807	30.205	32.576	37.239	25.4	0.189	1448.0	494
40	2	527	-1.852	-1.865	0.44	0.04	34.547	27.815	30.213	32.584	37.246	24.6	0.196	1448.4	520



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.005	-163.150	663	10	1001	90	6	-3.	900	0003	28	JAN	1984	PS	84	1	41

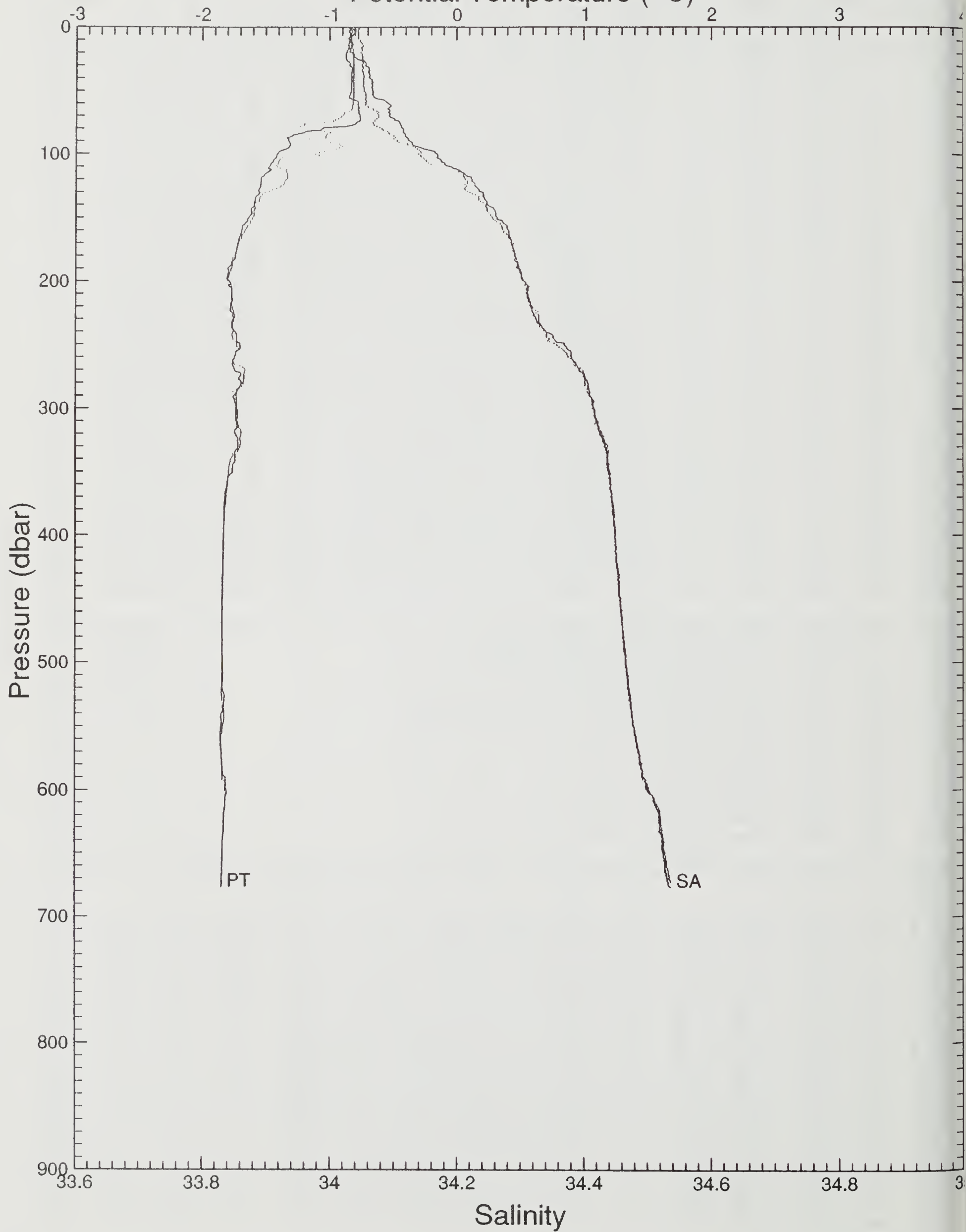
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
41	1	0	-0.871	-0.871	1.00	1.00	34.048	27.377	29.762	32.120	36.756	69.1	0.000	1443.8	0
41	1	10	-0.891	-0.891	0.98	0.98	34.047	27.377	29.762	32.120	36.757	69.0	0.007	1443.9	9
41	1	20	-0.941	-0.942	0.94	0.93	34.047	27.379	29.765	32.124	36.762	68.8	0.014	1443.8	19
41	1	30	-0.969	-0.970	0.92	0.90	34.060	27.390	29.777	32.136	36.775	67.7	0.021	1443.9	29
41	1	40	-0.947	-0.948	0.95	0.92	34.066	27.394	29.780	32.140	36.778	67.2	0.027	1444.1	39
41	1	50	-0.937	-0.938	0.97	0.93	34.071	27.398	29.784	32.143	36.781	66.9	0.034	1444.3	49
41	1	60	-0.946	-0.948	0.97	0.92	34.076	27.403	29.788	32.148	36.786	66.4	0.041	1444.5	59
41	1	70	-0.949	-0.951	0.97	0.92	34.089	27.413	29.799	32.158	36.796	65.3	0.047	1444.6	69
41	1	80	-0.949	-0.951	0.98	0.92	34.133	27.449	29.835	32.194	36.831	61.9	0.054	1444.9	79
41	1	90	-1.439	-1.441	0.50	0.44	34.178	27.502	29.896	32.262	36.914	56.7	0.060	1442.8	89
41	1	100	-1.495	-1.497	0.46	0.38	34.208	27.528	29.922	32.289	36.943	54.2	0.065	1442.7	98
41	1	125	-1.419	-1.422	0.56	0.46	34.287	27.590	29.983	32.348	36.999	48.2	0.078	1443.6	123
41	1	150	-1.157	-1.161	0.84	0.73	34.333	27.619	30.007	32.368	37.011	45.5	0.090	1445.3	148
41	1	175	-1.517	-1.521	0.50	0.37	34.391	27.678	30.071	32.438	37.091	39.7	0.100	1444.1	173
41	1	200	-1.684	-1.688	0.36	0.20	34.403	27.693	30.089	32.458	37.116	38.0	0.110	1443.7	197
41	1	225	-1.712	-1.717	0.35	0.18	34.414	27.702	30.099	32.468	37.127	37.0	0.119	1444.0	222
41	1	250	-1.700	-1.706	0.38	0.19	34.424	27.710	30.106	32.476	37.134	36.1	0.129	1444.5	247
41	1	275	-1.685	-1.691	0.41	0.20	34.432	27.716	30.112	32.481	37.139	35.4	0.137	1444.9	271
41	1	300	-1.709	-1.716	0.41	0.18	34.438	27.722	30.118	32.488	37.146	34.7	0.146	1445.2	296
41	1	325	-1.728	-1.735	0.41	0.16	34.441	27.725	30.121	32.491	37.150	34.3	0.155	1445.6	321
41	1	350	-1.742	-1.750	0.41	0.15	34.449	27.732	30.129	32.499	37.158	33.5	0.163	1445.9	345
41	1	375	-1.714	-1.723	0.46	0.18	34.459	27.739	30.135	32.505	37.163	32.7	0.172	1446.5	370
41	1	400	-1.718	-1.728	0.48	0.17	34.465	27.744	30.141	32.510	37.169	32.1	0.180	1446.9	395
41	1	425	-1.758	-1.768	0.45	0.13	34.470	27.749	30.146	32.516	37.176	31.4	0.188	1447.1	419
41	1	450	-1.762	-1.773	0.47	0.13	34.477	27.755	30.152	32.522	37.182	30.7	0.195	1447.5	444
41	1	475	-1.772	-1.783	0.48	0.12	34.482	27.759	30.157	32.527	37.187	30.1	0.203	1447.9	469
41	1	500	-1.802	-1.814	0.47	0.09	34.487	27.764	30.162	32.533	37.194	29.5	0.210	1448.1	494
41	1	550	-1.820	-1.833	0.49	0.07	34.500	27.775	30.173	32.544	37.206	28.1	0.225	1448.9	543
41	1	600	-1.820	-1.835	0.53	0.08	34.519	27.791	30.189	32.560	37.221	26.4	0.239	1449.7	592
41	1	650	-1.849	-1.865	0.54	0.05	34.545	27.813	30.211	32.583	37.245	24.0	0.251	1450.4	642
41	1	657	-1.849	-1.866	0.54	0.05	34.548	27.815	30.214	32.585	37.247	23.8	0.253	1450.6	648

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
41		3	-0.946	-0.946	34.041	27.374	9.61	9.5	1.15	75.1						2.27	12	3
41		46	-0.953	-0.954	34.073	27.400	9.31	11.8	1.28	75.1						2.27	11	46
41		106	-1.467	-1.469	34.196	27.518	6.94	26.7	2.05	76.3					3.75	1.60	10	105
41		120	-1.468	-1.471	34.242	27.555	7.04										9	118
41	3	149	-1.248	-1.252	34.333	27.622	7.61	23.6	1.90	68.1						2.03	8	147
41		215	-1.706	-1.711	34.407	27.696	6.87	28.2	2.15	72.3					3.82	1.63	7	213
41		258	-1.695	-1.701	34.426	27.712	6.80										6	255
41		310	-1.725	-1.732	34.443	27.726	6.66	29.7	2.15	74.0					3.40	1.46	5	306
41		407	-1.776	-1.786	34.462	27.743	6.64										4	402
41		507	-1.788	-1.800	34.489	27.766	6.59	29.9	2.16	74.5					3.18	1.47	3	501
41		609	-1.829	-1.844	34.527	27.798	6.52										2	602
41		649	-1.848	-1.864	34.548	27.815	6.51	30.0	2.18	76.3					3.16	1.32	1	641

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.995	-163.360	663		1001	100	5	-3.	1100	0100	28	JAN	1984	PS	84	2	41

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
41	2	0	-0.941	-0.941	0.93	0.93	34.038	27.371	29.757	32.117	36.755	69.6	0.000	1443.5	0
41	2	10	-0.947	-0.947	0.93	0.92	34.038	27.372	29.758	32.117	36.756	69.5	0.007	1443.6	9
41	2	20	-0.929	-0.930	0.95	0.94	34.043	27.375	29.761	32.120	36.758	69.2	0.014	1443.9	19
41	2	30	-0.910	-0.911	0.98	0.96	34.048	27.378	29.764	32.123	36.760	68.8	0.021	1444.1	29
41	2	40	-0.947	-0.948	0.95	0.92	34.063	27.392	29.778	32.137	36.776	67.5	0.028	1444.1	39
41	2	50	-0.959	-0.960	0.95	0.91	34.093	27.417	29.803	32.162	36.801	65.1	0.034	1444.3	49
41	2	60	-0.965	-0.967	0.95	0.91	34.095	27.419	29.805	32.164	36.803	64.9	0.041	1444.4	59
41	2	70	-0.983	-0.985	0.94	0.89	34.158	27.470	29.857	32.216	36.855	59.9	0.047	1444.6	69
41	2	80	-1.086	-1.088	0.85	0.79	34.158	27.474	29.862	32.223	36.865	59.5	0.053	1444.2	79
41	2	90	-1.209	-1.211	0.73	0.67	34.168	27.487	29.876	32.239	36.884	58.2	0.059	1443.8	89
41	2	100	-1.417	-1.419	0.53	0.46	34.195	27.515	29.908	32.274	36.926	55.4	0.065	1443.1	98
41	2	125	-1.467	-1.470	0.51	0.41	34.243	27.556	29.949	32.316	36.968	51.4	0.078	1443.3	123
41	2	150	-1.251	-1.255	0.75	0.63	34.336	27.624	30.014	32.377	37.022	44.9	0.090	1444.8	148
41	2	175	-1.531	-1.535	0.49	0.36	34.386	27.674	30.068	32.435	37.088	40.0	0.101	1444.0	173
41	2	200	-1.684	-1.688	0.36	0.20	34.403	27.693	30.089	32.458	37.116	38.0	0.110	1443.7	197
41	2	225	-1.715	-1.720	0.34	0.17	34.411	27.700	30.097	32.466	37.125	37.2	0.120	1444.0	222
41	2	250	-1.699	-1.705	0.38	0.19	34.424	27.710	30.106	32.476	37.134	36.1	0.129	1444.5	247

Potential Temperature (°C)

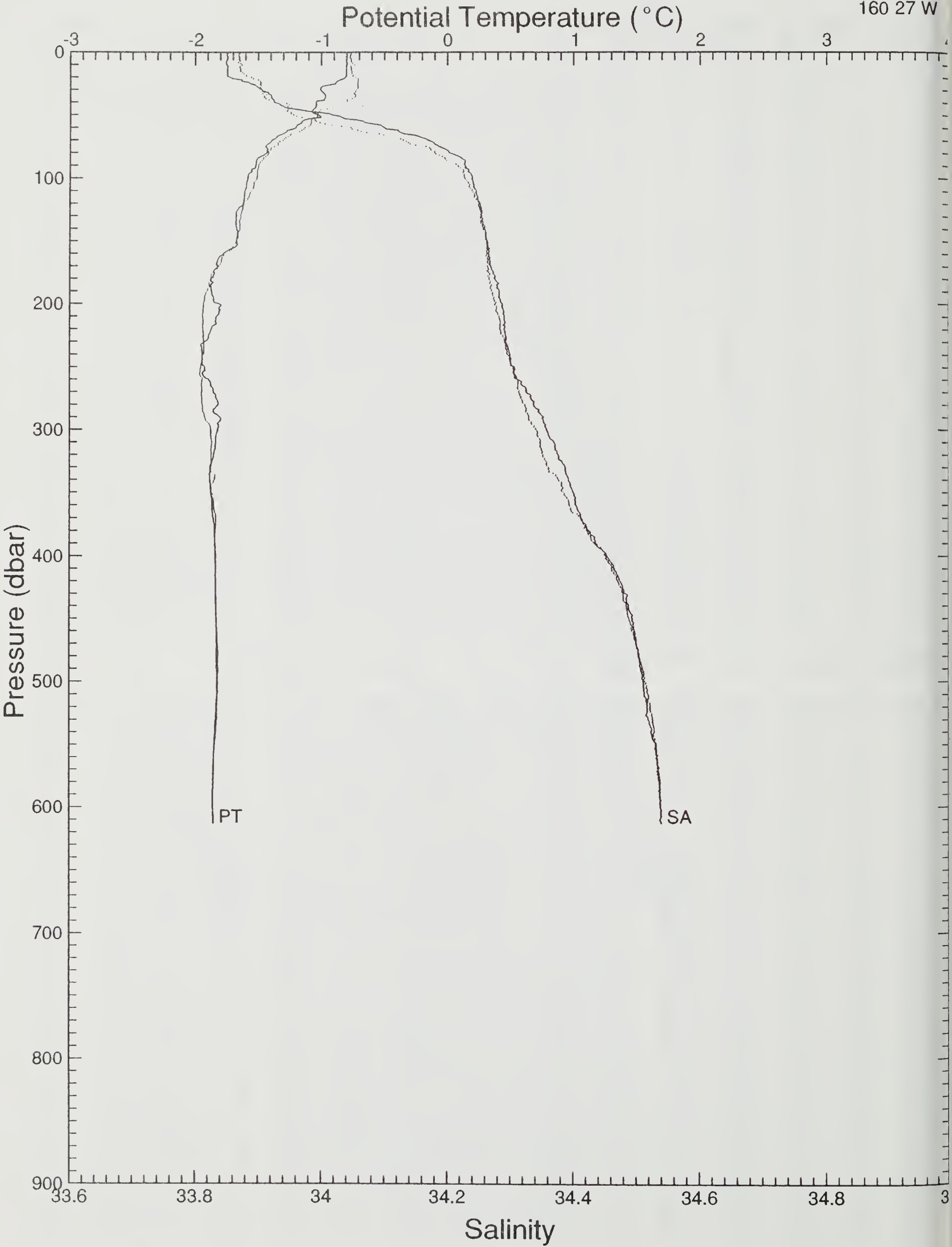


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.887	-161.805	675	3	1002	60	6	-1.	1125	0346	28	JAN	1984	PS	84	1	42

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
42	1	0	-0.835	-0.835	1.03	1.03	34.035	27.365	29.749	32.107	36.742	70.2	0.000	1444.0	0
42	1	10	-0.846	-0.846	1.03	1.02	34.035	27.365	29.750	32.108	36.743	70.1	0.007	1444.1	9
42	1	20	-0.870	-0.871	1.01	1.00	34.037	27.368	29.753	32.111	36.747	69.8	0.014	1444.1	19
42	1	30	-0.840	-0.841	1.05	1.03	34.056	27.382	29.767	32.124	36.759	68.4	0.021	1444.5	29
42	1	40	-0.826	-0.827	1.07	1.04	34.063	27.387	29.771	32.129	36.764	67.9	0.028	1444.7	39
42	1	50	-0.831	-0.832	1.08	1.04	34.068	27.392	29.776	32.133	36.768	67.5	0.035	1444.8	49
42	1	60	-0.774	-0.776	1.14	1.10	34.093	27.410	29.793	32.149	36.782	65.8	0.041	1445.3	59
42	1	70	-0.759	-0.761	1.16	1.11	34.094	27.410	29.793	32.149	36.781	65.7	0.048	1445.5	69
42	1	80	-1.058	-1.060	0.87	0.81	34.116	27.439	29.827	32.187	36.829	62.8	0.054	1444.3	79
42	1	90	-1.316	-1.318	0.62	0.56	34.127	27.457	29.849	32.213	36.862	61.0	0.060	1443.3	89
42	1	100	-1.409	-1.411	0.54	0.47	34.170	27.495	29.888	32.254	36.905	57.4	0.066	1443.1	98
42	1	125	-1.538	-1.541	0.43	0.34	34.229	27.547	29.941	32.309	36.964	52.3	0.080	1442.9	123
42	1	150	-1.631	-1.634	0.36	0.25	34.265	27.579	29.975	32.344	37.001	49.1	0.093	1442.9	148
42	1	175	-1.722	-1.726	0.29	0.16	34.290	27.602	29.999	32.369	37.029	46.7	0.105	1442.9	173
42	1	200	-1.778	-1.782	0.25	0.10	34.308	27.618	30.016	32.387	37.049	45.0	0.116	1443.1	197
42	1	225	-1.750	-1.755	0.30	0.13	34.321	27.628	30.025	32.396	37.057	44.0	0.127	1443.7	222
42	1	250	-1.692	-1.698	0.38	0.19	34.370	27.666	30.062	32.432	37.090	40.3	0.138	1444.4	247
42	1	275	-1.693	-1.699	0.40	0.19	34.403	27.693	30.089	32.458	37.117	37.6	0.148	1444.9	271
42	1	300	-1.722	-1.729	0.39	0.17	34.416	27.704	30.101	32.471	37.130	36.4	0.157	1445.1	296
42	1	325	-1.708	-1.716	0.43	0.18	34.431	27.716	30.113	32.482	37.141	35.1	0.166	1445.6	321
42	1	350	-1.750	-1.758	0.40	0.14	34.441	27.725	30.122	32.493	37.152	34.1	0.174	1445.9	345
42	1	375	-1.812	-1.821	0.36	0.08	34.446	27.731	30.129	32.500	37.162	33.3	0.183	1446.0	370
42	1	400	-1.816	-1.825	0.38	0.08	34.450	27.735	30.133	32.504	37.165	32.8	0.191	1446.4	395
42	1	425	-1.821	-1.831	0.39	0.07	34.454	27.738	30.136	32.507	37.169	32.4	0.199	1446.8	420
42	1	450	-1.827	-1.838	0.40	0.06	34.458	27.741	30.140	32.511	37.173	31.9	0.207	1447.1	444
42	1	475	-1.828	-1.839	0.42	0.06	34.462	27.745	30.143	32.514	37.176	31.4	0.215	1447.6	469
42	1	500	-1.824	-1.836	0.44	0.07	34.466	27.748	30.146	32.517	37.179	31.0	0.223	1448.0	494
42	1	550	-1.833	-1.846	0.47	0.06	34.479	27.759	30.157	32.528	37.190	29.7	0.238	1448.8	543
42	1	600	-1.789	-1.804	0.56	0.10	34.502	27.776	30.174	32.544	37.205	27.8	0.252	1449.8	592
42	1	650	-1.818	-1.835	0.57	0.08	34.525	27.796	30.194	32.565	37.226	25.7	0.266	1450.6	642
42	1	677	-1.828	-1.845	0.58	0.07	34.537	27.806	30.204	32.575	37.237	24.6	0.273	1451.0	668

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.887	-161.830	675		1002	50	5	0.	520	0420	28	JAN	1984	PS	84	2	42

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
42	2	0	-0.829	-0.829	1.04	1.04	34.046	27.374	29.758	32.115	36.750	69.4	0.000	1444.0	0
42	2	10	-0.825	-0.825	1.05	1.04	34.048	27.375	29.759	32.117	36.751	69.2	0.007	1444.2	9
42	2	20	-0.818	-0.819	1.06	1.05	34.049	27.376	29.760	32.117	36.752	69.1	0.014	1444.4	19
42	2	30	-0.811	-0.812	1.08	1.06	34.051	27.377	29.761	32.118	36.752	68.9	0.021	1444.6	29
42	2	40	-0.811	-0.812	1.09	1.06	34.053	27.379	29.763	32.120	36.754	68.8	0.028	1444.8	39
42	2	50	-0.810	-0.811	1.10	1.06	34.054	27.379	29.763	32.120	36.755	68.6	0.035	1444.9	49
42	2	60	-0.814	-0.816	1.10	1.05	34.057	27.382	29.766	32.123	36.758	68.4	0.041	1445.1	59
42	2	70	-0.903	-0.905	1.02	0.97	34.077	27.402	29.787	32.145	36.782	66.4	0.048	1444.8	69
42	2	80	-1.242	-1.244	0.69	0.63	34.082	27.418	29.809	32.172	36.819	64.8	0.055	1443.4	79
42	2	90	-1.056	-1.058	0.88	0.81	34.106	27.431	29.818	32.179	36.820	63.6	0.061	1444.5	89
42	2	100	-1.106	-1.109	0.84	0.77	34.140	27.460	29.849	32.210	36.852	60.7	0.067	1444.5	98
42	2	125	-1.377	-1.380	0.59	0.50	34.216	27.531	29.923	32.289	36.939	53.8	0.082	1443.7	123
42	2	150	-1.598	-1.601	0.40	0.28	34.257	27.571	29.967	32.335	36.992	49.8	0.095	1443.1	148
42	2	175	-1.723	-1.727	0.29	0.16	34.291	27.603	30.000	32.370	37.030	46.7	0.107	1442.9	173
42	2	200	-1.773	-1.777	0.26	0.11	34.308	27.618	30.016	32.387	37.048	45.0	0.118	1443.1	197
42	2	225	-1.741	-1.746	0.31	0.14	34.326	27.632	30.029	32.399	37.060	43.6	0.129	1443.7	222
42	2	250	-1.720	-1.726	0.35	0.17	34.358	27.657	30.054	32.424	37.083	41.1	0.140	1444.3	247
42	2	275	-1.663	-1.669	0.43	0.22	34.400	27.690	30.085	32.454	37.112	37.9	0.150	1445.0	271
42	2	300	-1.715	-1.722	0.40	0.17	34.414	27.702	30.099	32.469	37.128	36.5	0.159	1445.2	296
42	2	325	-1.691	-1.699	0.44	0.20	34.433	27.717	30.113	32.483	37.141	35.0	0.168	1445.7	321
42	2	350	-1.780	-1.788	0.37	0.11	34.439	27.725	30.122	32.493	37.153	34.1	0.177	1445.7	345
42	2	375	-1.801	-1.810	0.37	0.09	34.445	27.730	30.128	32.499	37.160	33.4	0.185	1446.0	370
42	2	400	-1.818	-1.827	0.37	0.07	34.450	27.735	30.133	32.504	37.166	32.8	0.193	1446.4	395
42	2	425	-1.818	-1.828	0.39	0.07	34.452	27.736	30.134	32.505	37.167	32.5	0.201	1446.8	420
42	2	450	-1.824	-1.835	0.41	0.07	34.459	27.742	30.140	32.512	37.173	31.8	0.209	1447.2	444
42	2	475	-1.825	-1.836	0.42	0.07	34.461	27.744	30.142	32.513	37.175	31.5	0.217	1447.6	469
42	2	500	-1.822	-1.834	0.45	0.07	34.467	27.749	30.147	32.518	37.180	30.9	0.225	1448.0	494
42	2	550	-1.820	-1.833	0.49	0.07	34.478	27.758	30.156	32.527	37.189	29.8	0.240	1448.8	543
42	2	600	-1.799	-1.814	0.55	0.10	34.500	27.775	30.173	32.543	37.204	27.9	0.255	1449.8	592
42	2	650	-1.820	-1.837	0.56	0.08	34.528	27.798	30.196	32.567	37.229	25.4	0.268	1450.6	642
42	2	673	-1.828	-1.845	0.57	0.07	34.537	27.806	30.204	32.575	37.237	24.6	0.274	1450.9	664



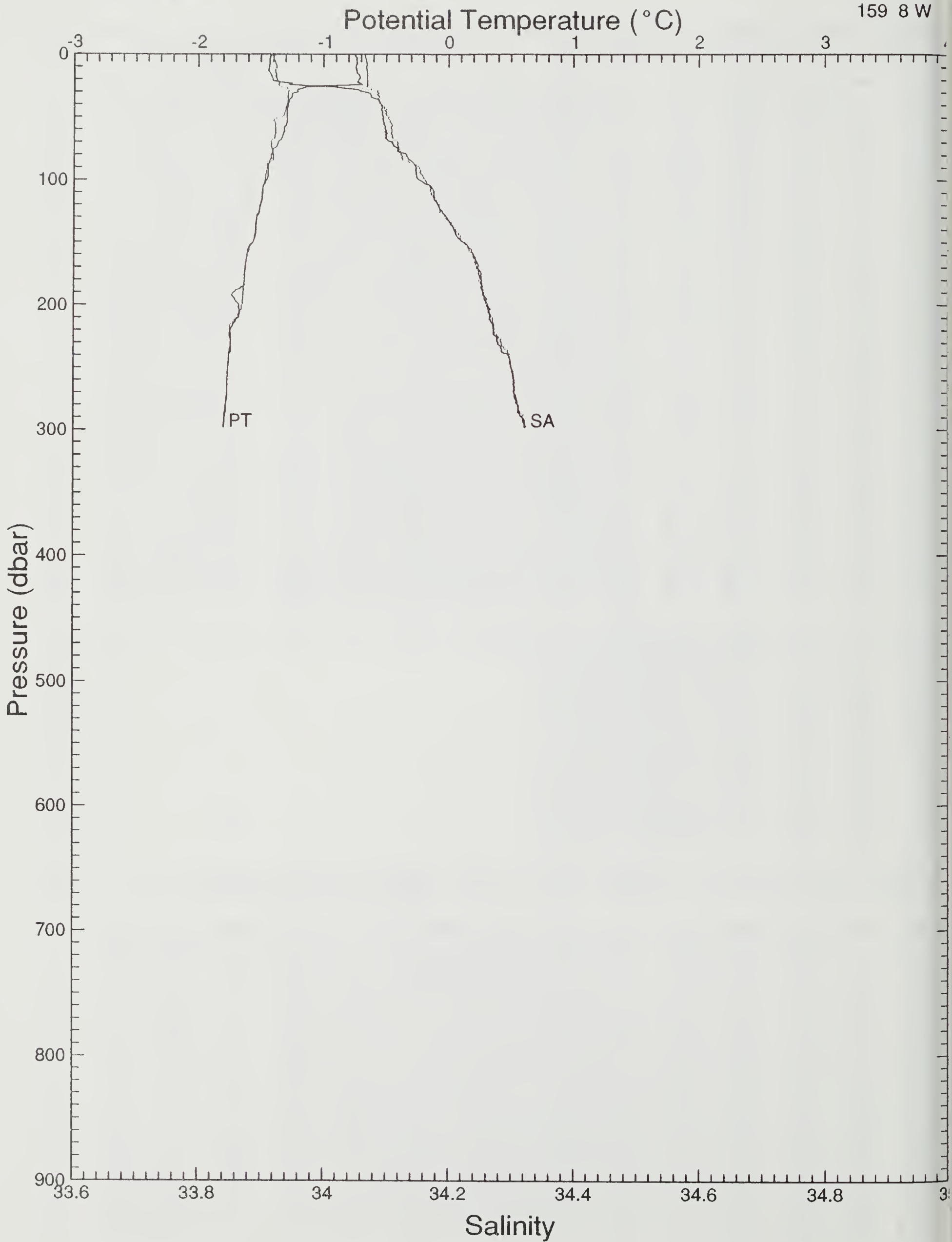
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.698	-160.450	617	8	1003	40	7	-1.	9500	0717	28	JAN	1984	PS	84	1	43

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
43	1	0	-0.802	-0.802	1.05	1.05	33.852	27.215	29.600	31.958	36.594	84.4	0.000	1443.9	0
43	1	10	-0.800	-0.800	1.06	1.06	33.850	27.214	29.598	31.956	36.592	84.5	0.008	1444.0	9
43	1	20	-0.810	-0.811	1.06	1.05	33.856	27.219	29.604	31.962	36.598	83.9	0.017	1444.2	19
43	1	30	-1.007	-1.008	0.88	0.85	33.907	27.268	29.655	32.016	36.658	79.3	0.025	1443.5	29
43	1	40	-1.043	-1.044	0.85	0.82	33.926	27.285	29.673	32.034	36.676	77.6	0.033	1443.5	39
43	1	50	-1.021	-1.022	0.88	0.85	34.018	27.358	29.746	32.106	36.747	70.6	0.040	1443.9	49
43	1	60	-1.200	-1.201	0.72	0.67	34.100	27.431	29.821	32.184	36.830	63.6	0.047	1443.3	59
43	1	70	-1.387	-1.389	0.54	0.49	34.170	27.494	29.887	32.252	36.903	57.6	0.053	1442.7	69
43	1	80	-1.427	-1.429	0.51	0.45	34.203	27.522	29.915	32.281	36.933	54.9	0.059	1442.7	79
43	1	90	-1.515	-1.517	0.43	0.36	34.228	27.545	29.939	32.307	36.961	52.6	0.064	1442.5	89
43	1	100	-1.578	-1.580	0.38	0.30	34.240	27.557	29.952	32.320	36.976	51.4	0.069	1442.3	98
43	1	125	-1.658	-1.661	0.32	0.22	34.254	27.571	29.967	32.336	36.995	50.0	0.082	1442.4	123
43	1	150	-1.665	-1.668	0.33	0.21	34.264	27.579	29.975	32.345	37.003	49.1	0.094	1442.8	148
43	1	175	-1.840	-1.844	0.17	0.04	34.274	27.592	29.991	32.363	37.027	47.6	0.106	1442.4	173
43	1	200	-1.805	-1.809	0.23	0.08	34.288	27.602	30.001	32.372	37.035	46.5	0.118	1442.9	197
43	1	225	-1.882	-1.887	0.17	0.00	34.293	27.608	30.008	32.381	37.046	45.7	0.130	1443.0	222
43	1	250	-1.914	-1.919	0.16	-0.03	34.308	27.621	30.022	32.395	37.061	44.3	0.141	1443.3	247
43	1	275	-1.821	-1.827	0.27	0.06	34.334	27.640	30.039	32.411	37.073	42.4	0.152	1444.2	271
43	1	300	-1.811	-1.818	0.30	0.07	34.358	27.660	30.058	32.429	37.092	40.5	0.162	1444.6	296
43	1	325	-1.855	-1.862	0.28	0.03	34.382	27.680	30.079	32.451	37.115	38.3	0.172	1444.9	321
43	1	350	-1.862	-1.870	0.29	0.03	34.400	27.695	30.094	32.466	37.130	36.8	0.181	1445.3	345
43	1	375	-1.835	-1.843	0.34	0.05	34.421	27.711	30.110	32.481	37.144	35.1	0.190	1445.8	370
43	1	400	-1.823	-1.832	0.37	0.07	34.454	27.738	30.136	32.507	37.169	32.5	0.199	1446.3	395
43	1	425	-1.822	-1.832	0.39	0.07	34.479	27.758	30.156	32.527	37.189	30.5	0.207	1446.8	420
43	1	450	-1.815	-1.826	0.42	0.08	34.494	27.770	30.168	32.539	37.201	29.2	0.214	1447.3	444
43	1	475	-1.802	-1.813	0.45	0.09	34.503	27.777	30.175	32.546	37.207	28.4	0.221	1447.7	469
43	1	500	-1.803	-1.815	0.47	0.09	34.511	27.784	30.182	32.552	37.213	27.7	0.228	1448.2	494
43	1	550	-1.827	-1.840	0.48	0.07	34.531	27.801	30.199	32.570	37.231	25.8	0.242	1448.9	543
43	1	600	-1.839	-1.854	0.51	0.06	34.538	27.807	30.205	32.576	37.238	24.9	0.254	1449.7	592
43	1	613	-1.835	-1.850	0.52	0.06	34.540	27.808	30.207	32.578	37.239	24.7	0.258	1449.9	605

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
43	2	4	-0.774	-0.774	33.874	27.232	9.84										12	4
43		28	-0.707	-0.708	33.905	27.255	9.73										11	28
43		115	-1.570	-1.573	34.244	27.560	6.81										10	113
43		205	-1.927	-1.931	34.282	27.601	6.86										9	202
43		256	-1.952	-1.957	34.307	27.622	6.83										8	253
43	1	305	-1.864	-1.871	34.344	27.650											7	301
43		368	-1.825	-1.833	34.411	27.703	6.69										6	364
43		432	-1.821	-1.831	34.478	27.757	6.60										5	427
43		533	-1.823	-1.836	34.529	27.799	6.51										4	526
43		579	-1.834	-1.848	34.537	27.806	6.53										3	572
43		579	-1.834	-1.848	34.535	27.804	6.52										2	572
43		605	-1.838	-1.853	34.539	27.808	6.52										1	598

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.708	-160.425	617		1003	60	10	-2.	7400	0808	28	JAN	1984	PS	84	2	43

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
43	2	0	-0.765	-0.765	1.09	1.09	33.871	27.229	29.613	31.971	36.605	83.0	0.000	1444.1	0
43	2	10	-0.735	-0.735	1.13	1.12	33.874	27.231	29.614	31.971	36.605	82.9	0.008	1444.4	9
43	2	20	-0.728	-0.729	1.15	1.13	33.889	27.242	29.626	31.982	36.616	81.7	0.017	1444.6	19
43	2	30	-0.721	-0.722	1.16	1.14	33.906	27.256	29.639	31.996	36.629	80.4	0.025	1444.8	29
43	2	40	-0.692	-0.693	1.20	1.17	33.935	27.278	29.661	32.017	36.649	78.3	0.033	1445.2	39
43	2	50	-1.026	-1.027	0.87	0.84	33.956	27.308	29.696	32.057	36.698	75.3	0.040	1443.8	49
43	2	60	-1.127	-1.128	0.79	0.74	34.047	27.386	29.775	32.137	36.781	68.0	0.047	1443.6	59
43	2	70	-1.299	-1.301	0.63	0.57	34.130	27.459	29.850	32.214	36.863	61.0	0.054	1443.0	69
43	2	80	-1.412	-1.414	0.52	0.46	34.180	27.503	29.896	32.262	36.913	56.7	0.060	1442.7	79
43	2	90	-1.492	-1.494	0.45	0.39	34.217	27.536	29.930	32.296	36.950	53.5	0.065	1442.6	89
43	2	100	-1.506	-1.508	0.45	0.37	34.228	27.545	29.939	32.306	36.960	52.6	0.071	1442.7	98
43	2	125	-1.619	-1.622	0.35	0.26	34.252	27.568	29.964	32.332	36.990	50.3	0.083	1442.6	123
43	2	150	-1.669	-1.672	0.32	0.21	34.263	27.578	29.975	32.344	37.003	49.1	0.096	1442.8	148
43	2	175	-1.851	-1.855	0.16	0.03	34.266	27.586	29.985	32.357	37.022	48.2	0.108	1442.3	173
43	2	200	-1.923	-1.927	0.11	-0.04	34.277	27.596	29.997	32.370	37.037	47.0	0.120	1442.4	197
43	2	225	-1.924	-1.928	0.13	-0.04	34.289	27.606	30.007	32.380	37.047	45.9	0.132	1442.8	222
43	2	250	-1.946	-1.951	0.13	-0.06	34.305	27.620	30.021	32.394	37.061	44.4	0.143	1443.1	247
43	2	275	-1.936	-1.942	0.15	-0.05	34.317	27.629	30.030	32.403	37.070	43.4	0.154	1443.6	271



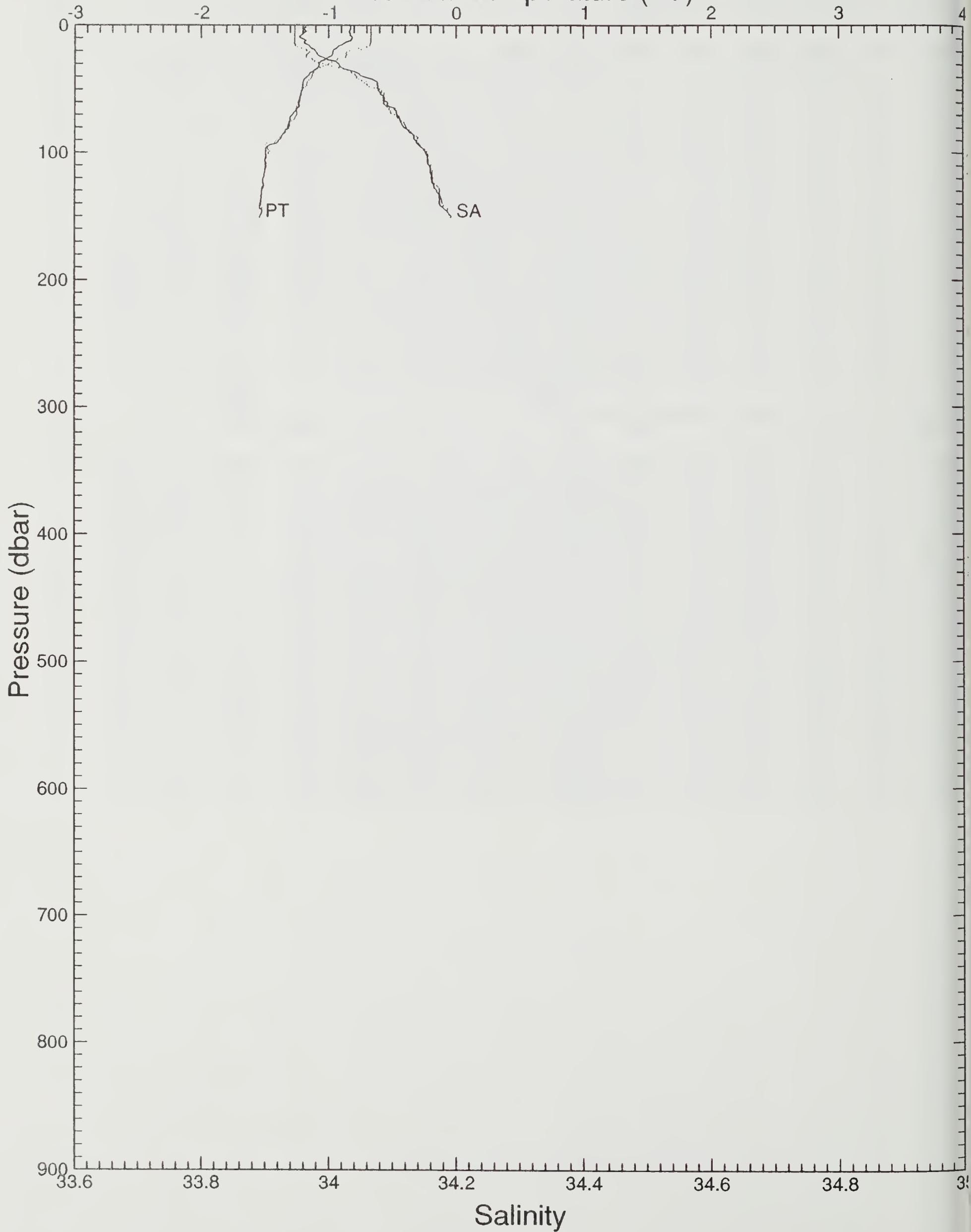
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.717	-159.130	299	3	1004	80	7	-1.	910	1123	28	JAN	1984	PS	84	1	44

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
44	1	0	-0.747	-0.747	1.11	1.11	33.916	27.265	29.649	32.005	36.639	79.7	0.000	1444.2	0
44	1	10	-0.743	-0.743	1.13	1.12	33.913	27.262	29.646	32.003	36.636	79.9	0.008	1444.4	9
44	1	20	-0.719	-0.720	1.16	1.14	33.919	27.266	29.650	32.006	36.639	79.5	0.016	1444.7	19
44	1	30	-1.204	-1.205	0.69	0.67	34.066	27.404	29.794	32.157	36.803	66.4	0.023	1442.8	29
44	1	40	-1.280	-1.281	0.62	0.59	34.092	27.427	29.818	32.183	36.831	64.1	0.030	1442.6	39
44	1	50	-1.290	-1.291	0.62	0.58	34.096	27.431	29.822	32.186	36.835	63.7	0.036	1442.7	49
44	1	60	-1.314	-1.315	0.60	0.56	34.099	27.434	29.826	32.190	36.840	63.3	0.043	1442.8	59
44	1	70	-1.359	-1.361	0.56	0.51	34.110	27.445	29.837	32.202	36.853	62.3	0.049	1442.7	69
44	1	80	-1.415	-1.417	0.52	0.46	34.133	27.465	29.858	32.224	36.876	60.3	0.055	1442.7	79
44	1	90	-1.439	-1.441	0.50	0.43	34.148	27.478	29.871	32.238	36.890	59.0	0.061	1442.7	89
44	1	100	-1.453	-1.455	0.50	0.42	34.154	27.483	29.877	32.243	36.896	58.4	0.067	1442.8	98
44	1	125	-1.509	-1.512	0.46	0.37	34.190	27.514	29.909	32.276	36.930	55.4	0.081	1443.0	123
44	1	150	-1.558	-1.561	0.43	0.32	34.224	27.543	29.938	32.306	36.962	52.5	0.095	1443.2	148
44	1	175	-1.626	-1.630	0.39	0.25	34.253	27.569	29.965	32.334	36.991	49.9	0.107	1443.4	173
44	1	200	-1.669	-1.673	0.36	0.21	34.263	27.578	29.975	32.344	37.003	48.8	0.120	1443.6	197
44	1	225	-1.741	-1.746	0.31	0.14	34.277	27.592	29.989	32.360	37.021	47.4	0.132	1443.6	222
44	1	250	-1.752	-1.757	0.32	0.13	34.301	27.612	30.009	32.380	37.041	45.3	0.143	1444.0	247
44	1	275	-1.766	-1.772	0.32	0.12	34.309	27.618	30.016	32.387	37.049	44.5	0.154	1444.4	271
44	1	298	-1.787	-1.794	0.32	0.10	34.323	27.630	30.029	32.400	37.062	43.3	0.165	1444.7	294

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.722	-159.125	299	3	1004	80	6	-1.	320	1137	28	JAN	1984	PS	84	2	44

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
44	2	0	-0.671	-0.671	1.19	1.19	33.924	27.268	29.651	32.006	36.638	79.3	0.000	1444.6	0
44	2	10	-0.658	-0.658	1.21	1.20	33.925	27.269	29.651	32.006	36.637	79.3	0.008	1444.8	9
44	2	20	-0.650	-0.651	1.23	1.21	33.926	27.269	29.651	32.006	36.637	79.2	0.016	1445.0	19
44	2	30	-1.282	-1.283	0.61	0.59	34.086	27.423	29.814	32.178	36.826	64.6	0.023	1442.4	29
44	2	40	-1.293	-1.294	0.61	0.58	34.093	27.429	29.820	32.184	36.833	64.0	0.030	1442.5	39
44	2	50	-1.332	-1.333	0.58	0.54	34.104	27.439	29.831	32.196	36.845	62.9	0.036	1442.5	49
44	2	60	-1.383	-1.384	0.53	0.49	34.109	27.445	29.837	32.203	36.854	62.3	0.042	1442.5	59
44	2	70	-1.416	-1.418	0.51	0.46	34.118	27.453	29.846	32.212	36.864	61.5	0.048	1442.5	69
44	2	80	-1.398	-1.400	0.53	0.47	34.124	27.457	29.850	32.216	36.867	61.0	0.054	1442.7	79
44	2	90	-1.447	-1.449	0.49	0.43	34.153	27.482	29.876	32.242	36.895	58.6	0.060	1442.7	89
44	2	100	-1.466	-1.468	0.48	0.41	34.163	27.491	29.885	32.251	36.905	57.7	0.066	1442.8	98
44	2	125	-1.508	-1.511	0.46	0.37	34.187	27.512	29.906	32.273	36.928	55.6	0.080	1443.0	123
44	2	150	-1.558	-1.561	0.43	0.32	34.226	27.545	29.940	32.308	36.963	52.3	0.094	1443.2	148
44	2	175	-1.621	-1.625	0.39	0.26	34.248	27.565	29.961	32.329	36.987	50.3	0.107	1443.4	173
44	2	200	-1.648	-1.652	0.38	0.23	34.261	27.576	29.972	32.342	37.000	49.0	0.119	1443.7	197
44	2	225	-1.733	-1.738	0.32	0.15	34.280	27.594	29.991	32.362	37.022	47.2	0.131	1443.7	222
44	2	250	-1.752	-1.757	0.32	0.13	34.301	27.612	30.009	32.380	37.041	45.3	0.143	1444.0	247
44	2	275	-1.763	-1.769	0.33	0.12	34.307	27.617	30.015	32.385	37.047	44.7	0.154	1444.4	271
44	2	298	-1.785	-1.792	0.32	0.10	34.322	27.630	30.028	32.399	37.061	43.3	0.164	1444.7	294

Potential Temperature (°C)

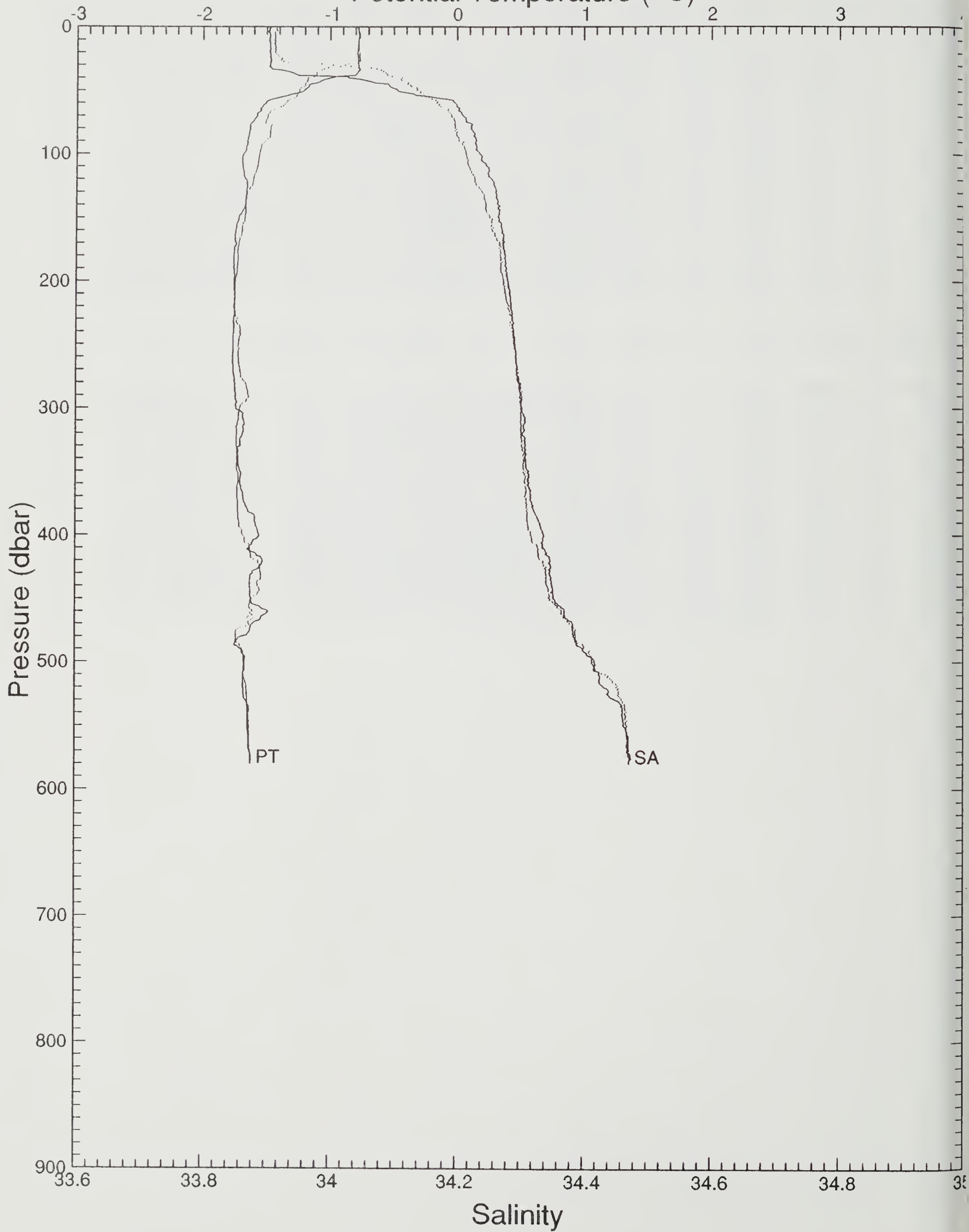


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.563	-158.153	155		1005	80	4	-2.	420	1331	28	JAN	1984	PS	84	1	45

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
45	1	0	-0.831	-0.831	1.03	1.03	33.966	27.309	29.694	32.051	36.687	75.5	0.000	1443.9	0
45	1	10	-0.815	-0.815	1.06	1.05	33.956	27.300	29.685	32.042	36.678	76.3	0.008	1444.1	9
45	1	20	-0.965	-0.966	0.91	0.90	33.979	27.325	29.711	32.071	36.711	73.9	0.015	1443.6	19
45	1	30	-1.073	-1.074	0.82	0.79	34.016	27.359	29.747	32.108	36.751	70.7	0.022	1443.3	29
45	1	40	-1.165	-1.166	0.73	0.70	34.054	27.393	29.782	32.145	36.790	67.4	0.029	1443.1	39
45	1	50	-1.204	-1.205	0.70	0.67	34.079	27.414	29.804	32.167	36.813	65.3	0.036	1443.1	49
45	1	60	-1.238	-1.239	0.68	0.63	34.092	27.426	29.816	32.180	36.827	64.1	0.042	1443.1	59
45	1	70	-1.280	-1.282	0.64	0.59	34.107	27.440	29.831	32.195	36.843	62.8	0.049	1443.1	69
45	1	80	-1.318	-1.320	0.61	0.55	34.118	27.450	29.841	32.206	36.855	61.8	0.055	1443.1	79
45	1	90	-1.384	-1.386	0.56	0.49	34.135	27.466	29.858	32.224	36.875	60.2	0.061	1443.0	89
45	1	100	-1.492	-1.494	0.46	0.38	34.152	27.483	29.877	32.244	36.898	58.5	0.067	1442.6	98
45	1	125	-1.506	-1.509	0.46	0.37	34.165	27.494	29.888	32.256	36.910	57.3	0.081	1443.0	123
45	1	150	-1.535	-1.538	0.45	0.34	34.193	27.518	29.912	32.280	36.935	54.9	0.095	1443.3	148
45	1	151	-1.537	-1.540	0.45	0.34	34.192	27.517	29.911	32.279	36.935	55.0	0.096	1443.3	149

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.563	-158.175	155		1005	80	4	-2.	560	1343	28	JAN	1984	PS	84	2	45

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
45	2	0	-0.668	-0.668	1.19	1.19	33.947	27.287	29.669	32.025	36.656	77.6	0.000	1444.6	0
45	2	10	-0.668	-0.668	1.20	1.19	33.947	27.287	29.669	32.025	36.656	77.5	0.008	1444.8	9
45	2	20	-0.833	-0.834	1.04	1.03	33.966	27.309	29.694	32.052	36.687	75.4	0.015	1444.2	19
45	2	30	-0.996	-0.997	0.89	0.87	33.991	27.335	29.723	32.083	36.723	72.9	0.023	1443.6	29
45	2	40	-1.127	-1.128	0.77	0.74	34.044	27.383	29.772	32.134	36.778	68.3	0.030	1443.3	39
45	2	50	-1.208	-1.209	0.70	0.66	34.080	27.415	29.805	32.168	36.814	65.2	0.037	1443.1	49
45	2	60	-1.224	-1.225	0.69	0.65	34.087	27.421	29.812	32.175	36.822	64.6	0.043	1443.2	59
45	2	70	-1.247	-1.249	0.68	0.62	34.104	27.436	29.827	32.190	36.837	63.1	0.049	1443.3	69
45	2	80	-1.309	-1.311	0.62	0.56	34.122	27.453	29.844	32.209	36.857	61.5	0.056	1443.1	79
45	2	90	-1.402	-1.404	0.54	0.47	34.138	27.469	29.862	32.227	36.879	59.9	0.062	1442.9	89
45	2	100	-1.469	-1.471	0.48	0.41	34.154	27.484	29.878	32.244	36.898	58.4	0.068	1442.8	98
45	2	125	-1.508	-1.511	0.46	0.37	34.166	27.495	29.889	32.257	36.911	57.2	0.082	1443.0	123
45	2	147	-1.521	-1.524	0.47	0.35	34.187	27.512	29.907	32.274	36.929	55.4	0.095	1443.3	145

Potential Temperature ($^{\circ}\text{C}$)

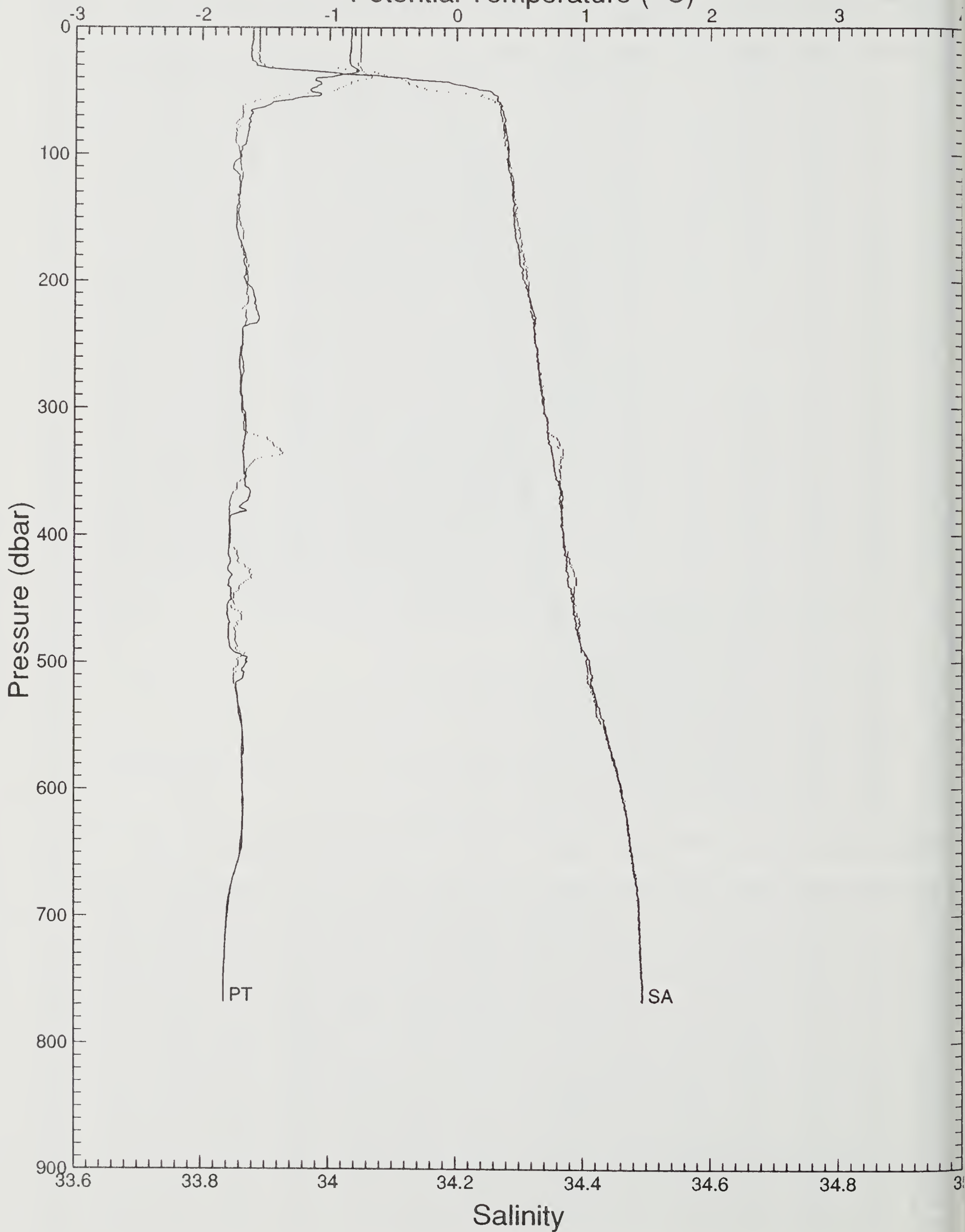
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.337	-158.845	584	8	1005	80	10	-1.		1537	28	JAN	1984	PS	84	1	46

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
46	1	0	-0.780	-0.780	1.08	1.08	33.906	27.258	29.642	32.000	36.634	80.3	0.000	1444.1	0
46	1	10	-0.779	-0.779	1.09	1.08	33.904	27.257	29.641	31.998	36.633	80.4	0.008	1444.2	9
46	1	20	-0.786	-0.787	1.09	1.07	33.905	27.258	29.642	31.999	36.634	80.3	0.016	1444.3	19
46	1	30	-0.778	-0.779	1.10	1.08	33.905	27.257	29.642	31.999	36.633	80.3	0.024	1444.5	29
46	1	40	-0.998	-0.999	0.90	0.87	34.029	27.366	29.753	32.113	36.754	69.9	0.032	1443.8	39
46	1	50	-1.204	-1.205	0.71	0.67	34.106	27.436	29.826	32.189	36.835	63.2	0.038	1443.1	49
46	1	60	-1.505	-1.506	0.42	0.37	34.197	27.520	29.914	32.281	36.935	55.2	0.044	1442.0	59
46	1	70	-1.574	-1.575	0.36	0.30	34.210	27.532	29.928	32.296	36.952	53.9	0.050	1441.8	69
46	1	80	-1.626	-1.628	0.31	0.25	34.222	27.544	29.940	32.309	36.966	52.8	0.055	1441.8	79
46	1	90	-1.649	-1.651	0.30	0.23	34.231	27.552	29.948	32.317	36.976	52.0	0.060	1441.8	89
46	1	100	-1.677	-1.679	0.28	0.20	34.236	27.557	29.953	32.323	36.982	51.5	0.065	1441.9	98
46	1	125	-1.646	-1.649	0.33	0.23	34.259	27.574	29.971	32.340	36.998	49.6	0.078	1442.5	123
46	1	150	-1.711	-1.714	0.28	0.17	34.266	27.582	29.979	32.349	37.009	48.8	0.090	1442.6	148
46	1	175	-1.745	-1.749	0.27	0.14	34.274	27.589	29.987	32.358	37.019	47.9	0.102	1442.8	173
46	1	200	-1.744	-1.748	0.29	0.14	34.281	27.595	29.993	32.363	37.024	47.2	0.114	1443.2	197
46	1	225	-1.738	-1.743	0.31	0.14	34.287	27.600	29.997	32.368	37.028	46.6	0.126	1443.7	222
46	1	250	-1.750	-1.755	0.32	0.13	34.292	27.604	30.002	32.373	37.034	46.0	0.138	1444.0	247
46	1	275	-1.741	-1.747	0.35	0.14	34.296	27.607	30.005	32.375	37.036	45.6	0.149	1444.5	271
46	1	300	-1.725	-1.732	0.38	0.16	34.304	27.613	30.011	32.381	37.041	44.9	0.160	1445.0	296
46	1	325	-1.693	-1.700	0.43	0.19	34.308	27.616	30.012	32.382	37.041	44.6	0.172	1445.5	321
46	1	350	-1.691	-1.699	0.46	0.19	34.315	27.621	30.018	32.388	37.047	43.9	0.183	1446.0	345
46	1	375	-1.651	-1.660	0.51	0.23	34.320	27.624	30.020	32.389	37.047	43.5	0.194	1446.6	370
46	1	400	-1.534	-1.544	0.65	0.35	34.338	27.635	30.030	32.397	37.051	42.5	0.204	1447.6	395
46	1	425	-1.536	-1.547	0.67	0.35	34.350	27.645	30.039	32.407	37.061	41.4	0.215	1448.0	420
46	1	450	-1.597	-1.608	0.63	0.29	34.354	27.650	30.045	32.414	37.070	40.7	0.225	1448.1	444
46	1	475	-1.603	-1.615	0.64	0.28	34.384	27.675	30.070	32.438	37.094	38.3	0.235	1448.5	469
46	1	500	-1.644	-1.657	0.62	0.25	34.418	27.704	30.099	32.468	37.125	35.4	0.244	1448.8	494
46	1	550	-1.616	-1.630	0.69	0.28	34.464	27.740	30.135	32.503	37.159	31.8	0.261	1449.8	543
46	1	580	-1.595	-1.610	0.73	0.30	34.473	27.747	30.142	32.509	37.164	31.0	0.270	1450.4	572

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
46		4	-0.777	-0.777	33.914	27.265	9.09	11.6	1.14	74.2						2.21	12	4
46		31	-0.921	-0.922	34.027	27.362	8.01										11	31
46	1	79	-1.466	-1.468	34.197	27.519	6.44										10	78
46	3	106	-1.561	-1.563	34.201	27.525	6.48	29.6	2.04	77.0					2.70	1.29	9	105
46		183	-1.714	-1.718	34.270	27.585	6.75										8	181
46		255	-1.710	-1.716	34.294	27.605	6.79	29.3	1.99	71.2					3.11	1.40	7	253
46		331	-1.718	-1.726	34.309	27.617	6.78										6	328
46		408	-1.613	-1.623	34.323	27.626	6.71										5	403
46		458	-1.604	-1.616	34.358	27.654	6.65	29.7	2.02	72.6					3.11	1.40	4	453
46		508	-1.651	-1.664	34.428	27.712	6.48	30.3	2.07	75.8					2.74	1.28	3	502
46		533	-1.622	-1.636	34.467	27.743	6.28										2	527
46		558	-1.605	-1.620	34.471	27.746	6.26	30.9	2.11	78.5					2.48		1	551

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.358	-158.780	584	8	1005	70	8	-2.		1637	28	JAN	1984	PS	84	2	46

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
46	2	0	-0.778	-0.778	1.08	1.08	33.916	27.266	29.650	32.008	36.642	79.5	0.000	1444.1	0
46	2	10	-0.778	-0.778	1.09	1.08	33.912	27.263	29.647	32.004	36.639	79.8	0.008	1444.2	9
46	2	20	-0.768	-0.769	1.11	1.09	33.913	27.263	29.647	32.004	36.639	79.7	0.016	1444.4	19
46	2	30	-0.884	-0.885	1.00	0.98	34.004	27.342	29.727	32.086	36.723	72.3	0.024	1444.2	29
46	2	40	-1.174	-1.175	0.73	0.70	34.113	27.441	29.830	32.193	36.837	62.8	0.030	1443.1	39
46	2	50	-1.240	-1.241	0.67	0.63	34.137	27.463	29.853	32.216	36.863	60.7	0.037	1443.0	49
46	2	60	-1.348	-1.349	0.57	0.53	34.168	27.491	29.883	32.248	36.898	57.9	0.042	1442.7	59
46	2	70	-1.488	-1.490	0.44	0.39	34.191	27.514	29.908	32.275	36.929	55.7	0.048	1442.2	69
46	2	80	-1.467	-1.469	0.47	0.41	34.197	27.519	29.912	32.279	36.932	55.2	0.054	1442.5	79
46	2	90	-1.505	-1.507	0.44	0.37	34.203	27.525	29.919	32.286	36.940	54.6	0.059	1442.5	89
46	2	100	-1.552	-1.554	0.40	0.32	34.214	27.535	29.930	32.298	36.953	53.5	0.065	1442.4	98
46	2	125	-1.608	-1.611	0.36	0.27	34.231	27.551	29.946	32.315	36.972	51.9	0.078	1442.6	123
46	2	150	-1.661	-1.664	0.33	0.22	34.252	27.569	29.966	32.335	36.994	50.0	0.090	1442.8	148
46	2	175	-1.716	-1.720	0.30	0.16	34.269	27.585	29.982	32.352	37.012	48.4	0.103	1442.9	173
46	2	200	-1.736	-1.740	0.30	0.15	34.274	27.589	29.987	32.357	37.018	47.8	0.115	1443.3	197
46	2	225	-1.733	-1.738	0.32	0.15	34.287	27.600	29.997	32.368	37.028	46.6	0.127	1443.7	222
46	2	250	-1.705	-1.711	0.36	0.18	34.291	27.602	29.999	32.369	37.029	46.3	0.138	1444.2	247
46	2	275	-1.689	-1.695	0.40	0.19	34.298	27.607	30.004	32.374	37.033	45.6	0.150	1444.7	271
46	2	300	-1.695	-1.702	0.41	0.19	34.302	27.611	30.008	32.377	37.037	45.2	0.161	1445.1	296

Potential Temperature ($^{\circ}\text{C}$)

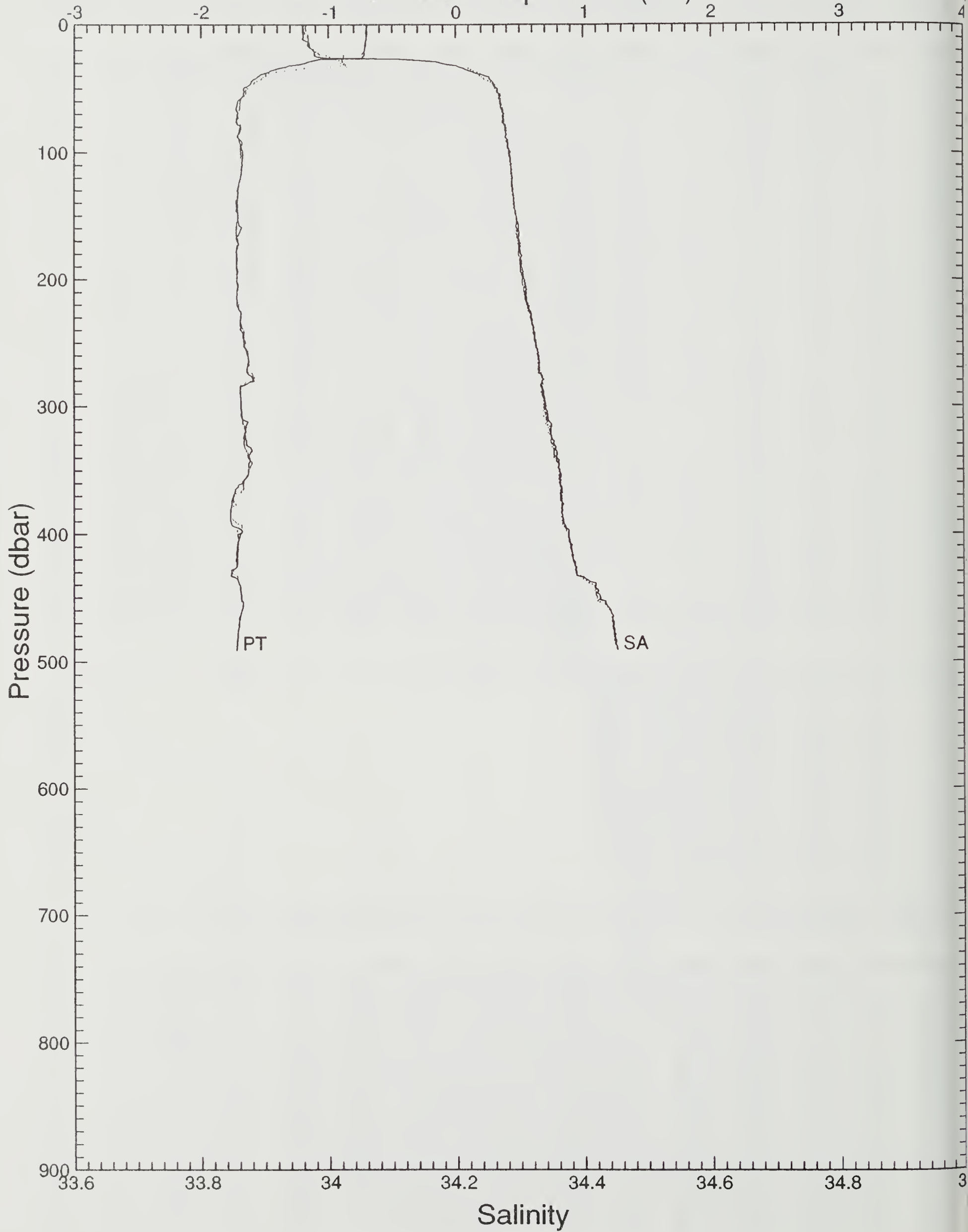
LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-77.132 -159.070 768 1006 80 7 -2. 1845 28 JAN 1984 PS 84 1 47

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
47	1	0	-0.828	-0.828	1.03	1.03	33.880	27.239	29.624	31.982	36.619	82.1	0.000	1443.8	0
47	1	10	-0.835	-0.835	1.03	1.02	33.880	27.239	29.624	31.983	36.619	82.0	0.008	1443.9	9
47	1	20	-0.839	-0.840	1.03	1.02	33.877	27.237	29.622	31.981	36.617	82.2	0.016	1444.1	19
47	1	30	-0.832	-0.833	1.05	1.03	33.886	27.244	29.629	31.987	36.624	81.5	0.025	1444.3	29
47	1	40	-1.102	-1.103	0.80	0.77	34.122	27.446	29.834	32.195	36.838	62.4	0.032	1443.5	39
47	1	50	-1.148	-1.149	0.77	0.73	34.252	27.553	29.941	32.302	36.945	52.2	0.038	1443.6	49
47	1	60	-1.453	-1.454	0.47	0.43	34.269	27.577	29.970	32.336	36.988	49.8	0.043	1442.3	59
47	1	70	-1.617	-1.618	0.32	0.26	34.275	27.587	29.982	32.351	37.008	48.8	0.048	1441.7	69
47	1	80	-1.631	-1.633	0.31	0.25	34.278	27.589	29.985	32.354	37.011	48.5	0.052	1441.8	79
47	1	90	-1.648	-1.650	0.30	0.23	34.282	27.593	29.989	32.358	37.016	48.1	0.057	1441.9	89
47	1	100	-1.692	-1.694	0.26	0.19	34.282	27.594	29.991	32.361	37.020	47.9	0.062	1441.9	98
47	1	125	-1.700	-1.703	0.28	0.18	34.289	27.600	29.997	32.367	37.026	47.2	0.074	1442.2	123
47	1	150	-1.721	-1.724	0.27	0.16	34.291	27.603	30.000	32.370	37.030	46.8	0.086	1442.5	148
47	1	175	-1.664	-1.668	0.35	0.22	34.299	27.607	30.004	32.373	37.031	46.2	0.097	1443.2	173
47	1	200	-1.647	-1.651	0.39	0.24	34.309	27.615	30.011	32.380	37.038	45.4	0.109	1443.7	197
47	1	225	-1.551	-1.556	0.50	0.33	34.323	27.624	30.018	32.385	37.040	44.5	0.120	1444.6	222
47	1	250	-1.666	-1.672	0.41	0.22	34.326	27.629	30.026	32.395	37.053	43.7	0.131	1444.5	247
47	1	275	-1.683	-1.689	0.41	0.20	34.332	27.635	30.031	32.401	37.059	43.1	0.142	1444.8	271
47	1	300	-1.666	-1.673	0.44	0.22	34.339	27.640	30.036	32.405	37.063	42.4	0.153	1445.3	296
47	1	325	-1.652	-1.660	0.48	0.23	34.347	27.646	30.042	32.411	37.069	41.7	0.163	1445.8	321
47	1	350	-1.654	-1.662	0.50	0.23	34.356	27.654	30.050	32.418	37.076	40.9	0.173	1446.2	345
47	1	375	-1.661	-1.670	0.51	0.22	34.367	27.663	30.059	32.428	37.085	39.9	0.184	1446.6	370
47	1	400	-1.761	-1.770	0.43	0.13	34.370	27.668	30.066	32.436	37.097	39.2	0.193	1446.5	395
47	1	425	-1.777	-1.787	0.43	0.11	34.374	27.672	30.070	32.440	37.102	38.6	0.203	1446.9	420
47	1	450	-1.748	-1.759	0.48	0.14	34.383	27.678	30.076	32.446	37.106	37.9	0.213	1447.4	444
47	1	475	-1.773	-1.784	0.47	0.11	34.392	27.686	30.084	32.455	37.116	37.0	0.222	1447.7	469
47	1	500	-1.621	-1.634	0.64	0.27	34.411	27.697	30.093	32.461	37.117	36.0	0.231	1448.9	494
47	1	550	-1.661	-1.675	0.64	0.23	34.436	27.719	30.115	32.484	37.141	33.7	0.249	1449.6	543
47	1	600	-1.656	-1.672	0.69	0.24	34.460	27.738	30.134	32.503	37.160	31.6	0.265	1450.4	592
47	1	650	-1.671	-1.688	0.71	0.22	34.478	27.754	30.149	32.518	37.175	29.9	0.280	1451.2	642
47	1	700	-1.776	-1.794	0.64	0.12	34.488	27.765	30.162	32.532	37.193	28.4	0.295	1451.5	691
47	1	750	-1.798	-1.818	0.66	0.10	34.494	27.770	30.168	32.539	37.200	27.6	0.309	1452.3	740
47	1	768	-1.797	-1.818	0.68	0.10	34.494	27.770	30.168	32.539	37.200	27.5	0.314	1452.6	758

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
47	1	2	-0.756	-0.756	33.890	27.244											12	2
47		32	-0.755	-0.756	33.922	27.270											11	31
47		82	-1.724	-1.726	34.276	27.590											10	81
47		206	-1.633	-1.638	34.315	27.620										1.41	9	204
47		307	-1.656	-1.663	34.343	27.643									3.25	1.45	8	304
47		307	-1.656	-1.663	34.343	27.643									3.17	1.49	7	304
47		411	-1.721	-1.731	34.373	27.669											6	407
47		508	-1.708	-1.721	34.407	27.697											5	502
47		609	-1.645	-1.661	34.462	27.740											4	602
47	1	658	-1.684	-1.702	34.477	27.753									2.51	1.12	3	650
47		710	-1.777	-1.796	34.487	27.764											2	702
47		765	-1.797	-1.817	34.492	27.769									2.65	1.11	1	756

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-77.152 -159.045 768 1006 70 6 -2. 1936 28 JAN 1984 PS 84 2 47

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
47	2	0	-0.756	-0.756	1.10	1.10	33.890	27.244	29.628	31.985	36.619	81.6	0.000	1444.1	0
47	2	10	-0.756	-0.756	1.11	1.10	33.890	27.244	29.628	31.985	36.619	81.6	0.008	1444.3	9
47	2	20	-0.755	-0.756	1.12	1.10	33.887	27.242	29.626	31.983	36.617	81.8	0.016	1444.5	19
47	2	30	-0.775	-0.776	1.11	1.08	33.898	27.252	29.636	31.993	36.628	80.8	0.025	1444.6	29
47	2	40	-0.674	-0.675	1.23	1.20	34.105	27.415	29.797	32.152	36.781	65.3	0.032	1445.5	39
47	2	50	-0.965	-0.966	0.95	0.91	34.168	27.478	29.864	32.223	36.861	59.3	0.038	1444.3	49
47	2	60	-1.646	-1.647	0.28	0.23	34.267	27.581	29.977	32.346	37.004	49.4	0.043	1441.4	59
47	2	70	-1.681	-1.682	0.25	0.20	34.271	27.585	29.982	32.351	37.010	48.9	0.048	1441.4	69
47	2	80	-1.729	-1.731	0.21	0.15	34.274	27.589	29.986	32.357	37.017	48.5	0.053	1441.3	79
47	2	90	-1.733	-1.735	0.22	0.15	34.276	27.591	29.988	32.358	37.019	48.3	0.058	1441.5	89
47	2	100	-1.701	-1.703	0.25	0.18	34.282	27.595	29.992	32.361	37.021	47.9	0.063	1441.8	98
47	2	125	-1.690	-1.693	0.29	0.19	34.290	27.601	29.998	32.367	37.026	47.1	0.075	1442.3	123
47	2	150	-1.702	-1.705	0.29	0.18	34.296	27.606	30.003	32.373	37.032	46.5	0.086	1442.6	148
47	2	175	-1.675	-1.679	0.34	0.21	34.303	27.611	30.007	32.377	37.035	45.9	0.098	1443.2	173
47	2	200	-1.632	-1.636	0.40	0.25	34.315	27.620	30.015	32.384	37.041	45.0	0.109	1443.8	197

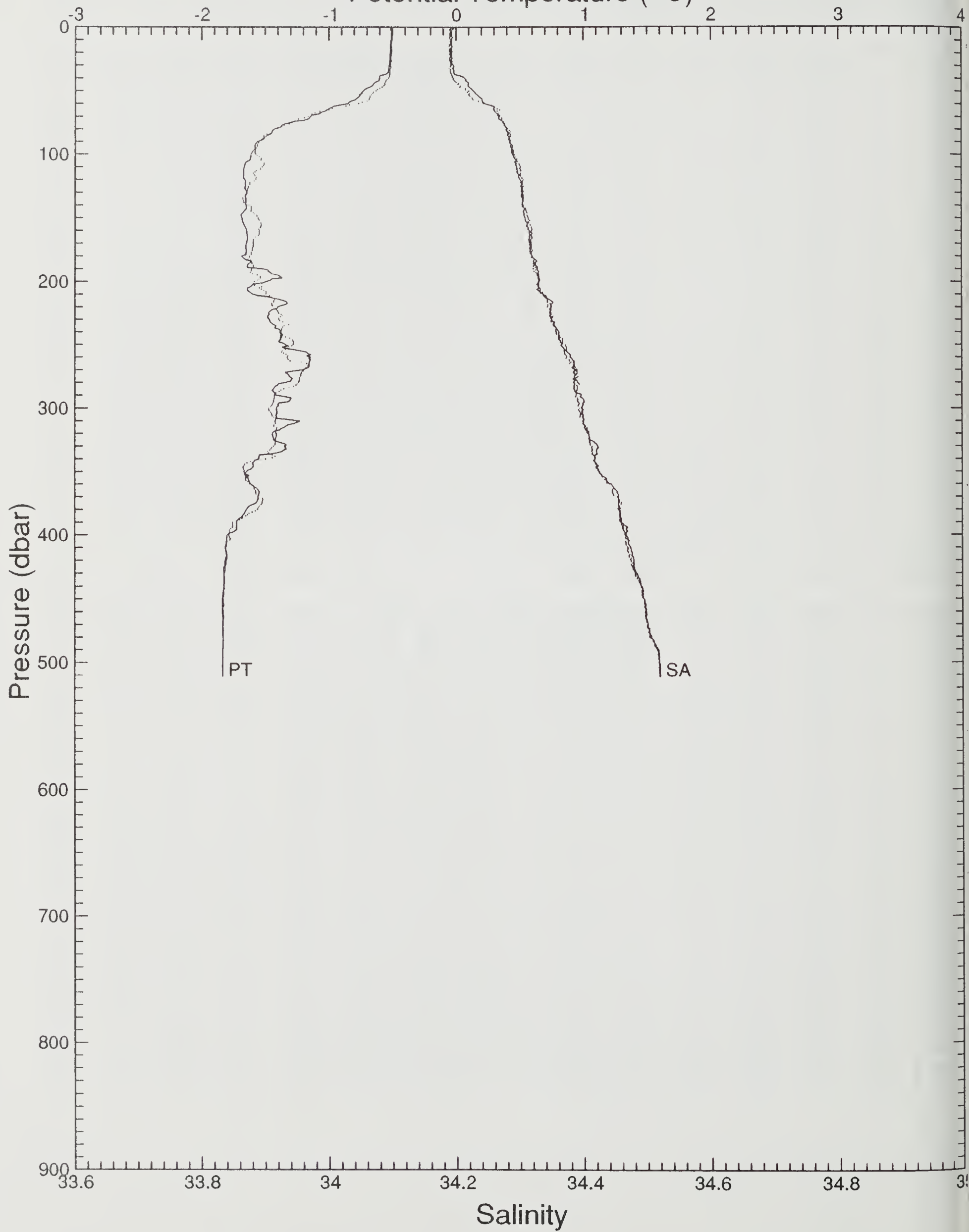
Potential Temperature ($^{\circ}\text{C}$)

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.002	-159.980	494	6	1006	60	7	1.		2126	28	JAN	1984	PS	84	1	48

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
48	1	0	-0.702	-0.702	1.16	1.16	33.962	27.300	29.683	32.039	36.671	76.3	0.000	1444.5	0
48	1	10	-0.703	-0.703	1.17	1.16	33.961	27.300	29.682	32.038	36.670	76.3	0.008	1444.6	9
48	1	20	-0.715	-0.716	1.16	1.15	33.976	27.312	29.695	32.051	36.683	75.1	0.015	1444.8	19
48	1	30	-1.182	-1.183	0.72	0.69	34.177	27.493	29.882	32.244	36.889	57.9	0.022	1443.0	29
48	1	40	-1.543	-1.544	0.37	0.34	34.246	27.561	29.955	32.323	36.978	51.4	0.027	1441.6	39
48	1	50	-1.665	-1.666	0.25	0.21	34.266	27.581	29.977	32.346	37.005	49.5	0.032	1441.2	49
48	1	60	-1.711	-1.712	0.21	0.17	34.270	27.585	29.982	32.352	37.012	49.0	0.037	1441.1	59
48	1	70	-1.713	-1.714	0.22	0.17	34.276	27.590	29.987	32.357	37.017	48.5	0.042	1441.3	69
48	1	80	-1.687	-1.689	0.25	0.19	34.278	27.591	29.988	32.357	37.016	48.3	0.047	1441.6	79
48	1	90	-1.687	-1.689	0.26	0.19	34.282	27.594	29.991	32.361	37.020	48.0	0.052	1441.7	89
48	1	100	-1.669	-1.671	0.29	0.21	34.286	27.597	29.993	32.363	37.021	47.6	0.057	1442.0	98
48	1	125	-1.699	-1.702	0.28	0.18	34.288	27.599	29.996	32.366	37.026	47.3	0.069	1442.2	123
48	1	150	-1.706	-1.709	0.29	0.18	34.295	27.605	30.002	32.372	37.032	46.5	0.080	1442.6	148
48	1	175	-1.708	-1.712	0.31	0.17	34.301	27.610	30.007	32.377	37.037	45.9	0.092	1443.0	173
48	1	200	-1.711	-1.715	0.32	0.17	34.308	27.616	30.013	32.383	37.043	45.2	0.103	1443.4	197
48	1	225	-1.677	-1.682	0.38	0.21	34.318	27.623	30.020	32.389	37.048	44.4	0.114	1444.0	222
48	1	250	-1.657	-1.663	0.42	0.23	34.327	27.630	30.026	32.395	37.053	43.7	0.125	1444.5	247
48	1	275	-1.619	-1.625	0.47	0.26	34.334	27.635	30.030	32.399	37.055	43.1	0.136	1445.1	271
48	1	300	-1.678	-1.685	0.43	0.21	34.342	27.643	30.039	32.409	37.067	42.2	0.147	1445.3	296
48	1	325	-1.656	-1.664	0.47	0.23	34.351	27.650	30.046	32.415	37.072	41.4	0.157	1445.8	321
48	1	350	-1.617	-1.625	0.53	0.27	34.363	27.658	30.054	32.422	37.078	40.5	0.168	1446.4	345
48	1	375	-1.749	-1.758	0.42	0.14	34.366	27.664	30.062	32.432	37.093	39.7	0.178	1446.2	370
48	1	400	-1.701	-1.711	0.49	0.19	34.376	27.671	30.068	32.437	37.096	38.9	0.187	1446.8	395
48	1	425	-1.709	-1.719	0.50	0.18	34.387	27.680	30.077	32.447	37.106	37.9	0.197	1447.2	420
48	1	450	-1.671	-1.682	0.56	0.22	34.426	27.711	30.107	32.476	37.133	35.0	0.206	1447.9	444
48	1	475	-1.696	-1.708	0.55	0.20	34.448	27.730	30.126	32.495	37.153	33.0	0.215	1448.2	469
48	1	491	-1.708	-1.720	0.55	0.18	34.453	27.734	30.131	32.500	37.158	32.5	0.220	1448.4	485

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.003	-159.960	494		1006	60	6	0.		2148	28	JAN	1984	PS	84	2	48

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
48	2	0	-0.695	-0.695	1.17	1.17	33.966	27.303	29.686	32.042	36.673	76.0	0.000	1444.5	0
48	2	10	-0.701	-0.701	1.17	1.16	33.968	27.305	29.688	32.044	36.676	75.8	0.008	1444.7	9
48	2	20	-0.716	-0.717	1.16	1.15	33.976	27.312	29.695	32.051	36.683	75.1	0.015	1444.8	19
48	2	30	-0.902	-0.903	0.99	0.96	34.025	27.359	29.745	32.104	36.741	70.6	0.022	1444.1	29
48	2	40	-1.489	-1.490	0.42	0.39	34.238	27.553	29.946	32.313	36.966	52.2	0.029	1441.8	39
48	2	50	-1.632	-1.633	0.29	0.25	34.262	27.576	29.972	32.341	36.999	49.9	0.034	1441.3	49
48	2	60	-1.690	-1.691	0.24	0.19	34.271	27.585	29.982	32.352	37.011	49.0	0.039	1441.2	59
48	2	70	-1.715	-1.716	0.22	0.17	34.277	27.591	29.988	32.358	37.018	48.4	0.044	1441.3	69
48	2	80	-1.691	-1.693	0.25	0.19	34.278	27.591	29.988	32.358	37.017	48.3	0.048	1441.5	79
48	2	90	-1.700	-1.702	0.25	0.18	34.282	27.595	29.991	32.361	37.021	47.9	0.053	1441.7	89
48	2	100	-1.682	-1.684	0.27	0.20	34.283	27.595	29.991	32.361	37.020	47.8	0.058	1441.9	98
48	2	125	-1.698	-1.701	0.28	0.18	34.289	27.600	29.997	32.367	37.026	47.2	0.070	1442.2	123
48	2	150	-1.703	-1.706	0.29	0.18	34.295	27.605	30.002	32.372	37.032	46.6	0.082	1442.6	148
48	2	175	-1.713	-1.717	0.30	0.17	34.299	27.609	30.006	32.376	37.036	46.1	0.093	1443.0	173
48	2	200	-1.712	-1.716	0.32	0.17	34.305	27.614	30.011	32.381	37.040	45.5	0.105	1443.4	197
48	2	225	-1.688	-1.693	0.36	0.20	34.314	27.620	30.017	32.387	37.045	44.7	0.116	1444.0	222
48	2	250	-1.643	-1.649	0.43	0.24	34.325	27.628	30.024	32.393	37.050	43.9	0.127	1444.6	247
48	2	275	-1.587	-1.593	0.50	0.30	34.334	27.634	30.029	32.397	37.052	43.3	0.138	1445.3	271
48	2	300	-1.677	-1.684	0.43	0.21	34.340	27.641	30.038	32.407	37.065	42.3	0.148	1445.3	296
48	2	325	-1.642	-1.650	0.49	0.24	34.350	27.648	30.044	32.413	37.070	41.6	0.159	1445.8	321
48	2	350	-1.619	-1.627	0.53	0.27	34.363	27.658	30.054	32.422	37.078	40.5	0.169	1446.4	345
48	2	375	-1.735	-1.744	0.43	0.15	34.367	27.665	30.062	32.432	37.092	39.6	0.179	1446.2	370
48	2	400	-1.680	-1.690	0.51	0.21	34.377	27.671	30.068	32.437	37.095	38.9	0.189	1446.9	395
48	2	425	-1.706	-1.716	0.50	0.18	34.386	27.680	30.076	32.446	37.105	38.0	0.199	1447.2	420
48	2	450	-1.675	-1.686	0.55	0.21	34.421	27.707	30.103	32.472	37.130	35.3	0.208	1447.8	444
48	2	475	-1.693	-1.705	0.56	0.20	34.446	27.728	30.124	32.493	37.151	33.2	0.216	1448.2	469
48	2	486	-1.702	-1.714	0.56	0.19	34.449	27.731	30.127	32.496	37.155	32.9	0.220	1448.3	480

Potential Temperature ($^{\circ}\text{C}$)

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.013	-161.500	511	3	1007	40	6	1.		0008	29	JAN	1984	PS	84	1	49

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
49	1	0	-0.514	-0.514	1.36	1.36	34.192	27.479	29.857	32.209	36.834	59.4	0.000	1445.7	0
49	1	10	-0.511	-0.511	1.37	1.36	34.193	27.479	29.858	32.210	36.834	59.3	0.006	1445.9	9
49	1	20	-0.516	-0.517	1.38	1.36	34.192	27.479	29.858	32.210	36.834	59.4	0.012	1446.0	19
49	1	30	-0.525	-0.526	1.37	1.35	34.196	27.482	29.861	32.213	36.838	59.0	0.018	1446.1	29
49	1	40	-0.602	-0.603	1.31	1.27	34.214	27.500	29.880	32.234	36.860	57.3	0.024	1445.9	39
49	1	50	-0.726	-0.727	1.19	1.15	34.228	27.517	29.899	32.254	36.884	55.6	0.029	1445.5	49
49	1	60	-0.848	-0.850	1.08	1.03	34.246	27.536	29.920	32.277	36.911	53.7	0.035	1445.2	59
49	1	70	-1.142	-1.144	0.79	0.74	34.268	27.565	29.954	32.315	36.957	50.9	0.040	1444.0	69
49	1	80	-1.423	-1.425	0.52	0.46	34.279	27.584	29.976	32.342	36.993	49.1	0.045	1442.8	79
49	1	90	-1.560	-1.562	0.39	0.32	34.285	27.593	29.988	32.355	37.010	48.1	0.050	1442.3	89
49	1	100	-1.610	-1.612	0.35	0.27	34.292	27.600	29.996	32.364	37.021	47.4	0.055	1442.3	98
49	1	125	-1.648	-1.651	0.33	0.23	34.302	27.609	30.005	32.374	37.032	46.3	0.066	1442.5	123
49	1	150	-1.678	-1.681	0.32	0.21	34.309	27.616	30.012	32.382	37.040	45.6	0.078	1442.8	148
49	1	175	-1.642	-1.646	0.37	0.24	34.318	27.622	30.018	32.387	37.044	44.8	0.089	1443.4	173
49	1	200	-1.486	-1.491	0.55	0.40	34.331	27.628	30.021	32.388	37.040	44.2	0.100	1444.5	197
49	1	225	-1.464	-1.469	0.59	0.42	34.350	27.643	30.036	32.402	37.053	42.7	0.111	1445.1	222
49	1	250	-1.330	-1.336	0.74	0.56	34.366	27.652	30.042	32.406	37.054	41.9	0.122	1446.1	247
49	1	275	-1.302	-1.309	0.79	0.58	34.386	27.667	30.057	32.420	37.067	40.4	0.132	1446.7	271
49	1	300	-1.400	-1.408	0.71	0.49	34.398	27.680	30.072	32.436	37.086	38.9	0.142	1446.7	296
49	1	325	-1.422	-1.430	0.71	0.47	34.411	27.691	30.083	32.448	37.098	37.7	0.151	1447.0	321
49	1	350	-1.634	-1.642	0.52	0.26	34.425	27.709	30.104	32.473	37.129	35.7	0.161	1446.4	345
49	1	375	-1.564	-1.573	0.61	0.33	34.455	27.731	30.125	32.493	37.147	33.6	0.169	1447.2	370
49	1	400	-1.788	-1.797	0.41	0.10	34.467	27.748	30.145	32.516	37.177	31.6	0.177	1446.5	395
49	1	425	-1.814	-1.824	0.40	0.08	34.480	27.759	30.157	32.528	37.189	30.4	0.185	1446.8	420
49	1	450	-1.824	-1.835	0.41	0.07	34.496	27.772	30.170	32.541	37.203	29.0	0.193	1447.2	444
49	1	475	-1.819	-1.830	0.43	0.08	34.504	27.779	30.177	32.547	37.209	28.3	0.200	1447.7	469
49	1	500	-1.820	-1.832	0.45	0.08	34.519	27.791	30.189	32.560	37.221	27.0	0.207	1448.1	494
49	1	511	-1.820	-1.832	0.46	0.08	34.520	27.792	30.190	32.560	37.222	26.8	0.210	1448.3	504

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
49	1	4	-0.503	-0.503	34.191	27.477	9.05										12	4
49	1	31	-0.510	-0.511	34.191	27.478	9.04										11	31
49		103	-1.527	-1.529	34.295	27.600	7.08										10	102
49		163	-1.541	-1.545	34.319	27.620	6.73										9	162
49		204	-1.521	-1.526	34.331	27.629	6.75										8	202
49		263	-1.293	-1.300	34.378	27.660	6.45										7	260
49		310	-1.412	-1.420	34.399	27.681	6.47										6	306
49		351	-1.655	-1.663	34.426	27.711	6.54										5	347
49		406	-1.793	-1.802	34.473	27.753	6.55										4	401
49		457	-1.824	-1.835	34.498	27.774	6.52										2	452
49		457	-1.824	-1.835	34.496	27.772	6.51										3	452
49		512	-1.820	-1.832	34.518	27.790	6.46										1	506

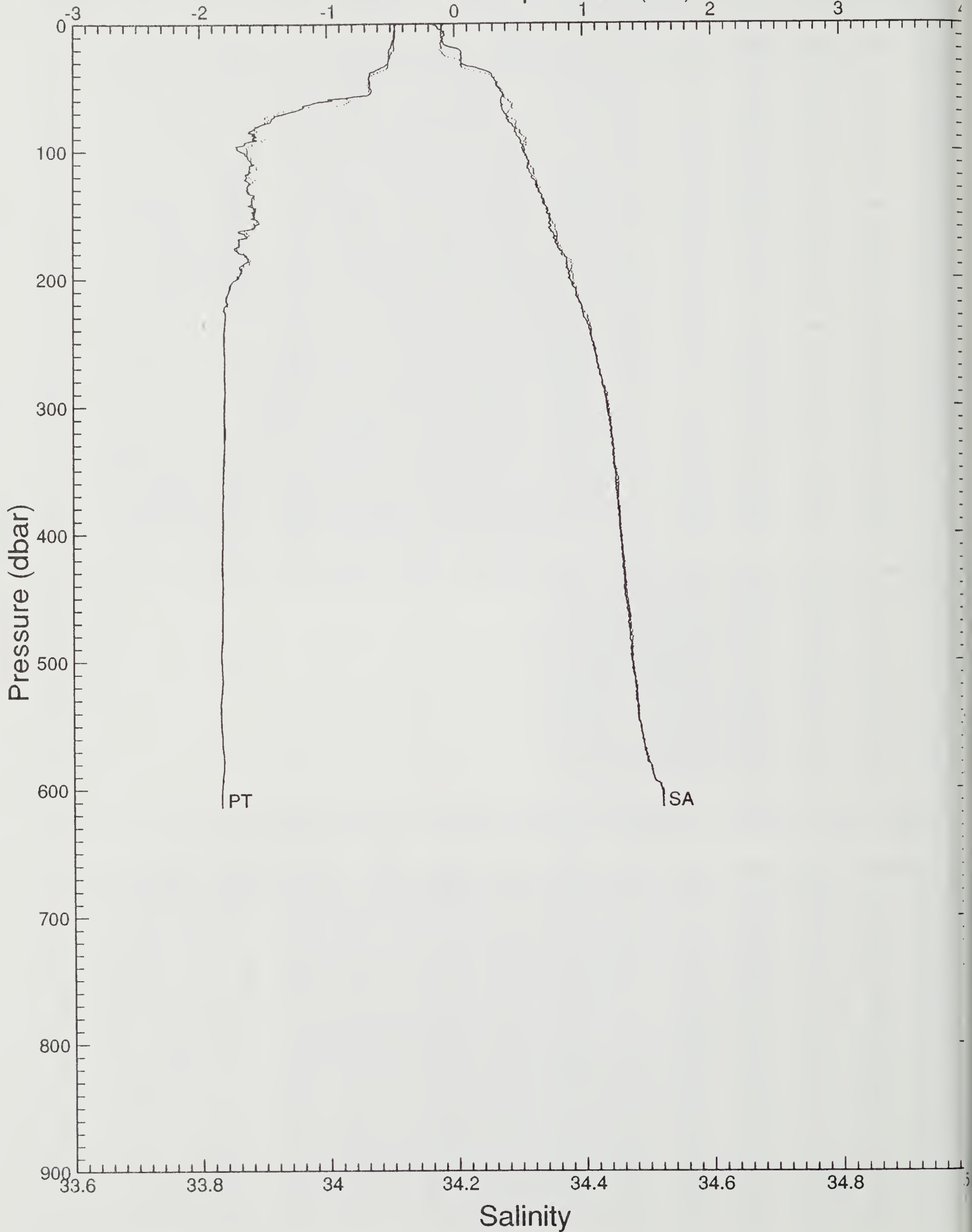
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.013	-161.500	511	3	1007	50	7	1.		0050	29	JAN	1984	PS	84	2	49

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
49	2	0	-0.500	-0.500	1.38	1.38	34.191	27.477	29.856	32.207	36.831	59.6	0.000	1445.7	0
49	2	10	-0.503	-0.503	1.38	1.37	34.192	27.478	29.857	32.209	36.833	59.4	0.006	1445.9	9
49	2	20	-0.508	-0.509	1.38	1.37	34.191	27.478	29.856	32.208	36.832	59.5	0.012	1446.0	19
49	2	30	-0.517	-0.518	1.38	1.36	34.192	27.479	29.858	32.210	36.834	59.3	0.018	1446.2	29
49	2	40	-0.531	-0.532	1.38	1.34	34.196	27.483	29.862	32.214	36.839	58.9	0.024	1446.3	39
49	2	50	-0.627	-0.628	1.29	1.25	34.220	27.506	29.887	32.240	36.868	56.7	0.030	1446.0	49
49	2	60	-0.764	-0.766	1.16	1.11	34.243	27.531	29.913	32.269	36.900	54.3	0.035	1445.6	59
49	2	70	-1.159	-1.161	0.77	0.72	34.267	27.565	29.954	32.315	36.958	50.9	0.040	1443.9	69
49	2	80	-1.399	-1.401	0.54	0.48	34.281	27.585	29.977	32.342	36.992	49.0	0.045	1442.9	79
49	2	90	-1.546	-1.548	0.40	0.33	34.285	27.593	29.987	32.354	37.009	48.1	0.050	1442.4	89
49	2	100	-1.571	-1.573	0.39	0.31	34.289	27.597	29.991	32.359	37.015	47.7	0.055	1442.4	98
49	2	125	-1.624	-1.627	0.35	0.26	34.306	27.612	30.008	32.376	37.033	46.1	0.067	1442.6	123
49	2	150	-1.552	-1.555	0.44	0.33	34.314	27.616	30.011	32.378	37.033	45.6	0.078	1443.4	148
49	2	175	-1.593	-1.597	0.42	0.29	34.321	27.623	30.018	32.386	37.042	44.8	0.090	1443.6	173
49	2	200	-1.575	-1.580	0.46	0.31	34.329	27.629	30.024	32.392	37.047	44.1	0.101	1444.1	197
49	2	225	-1.384	-1.390	0.67	0.50	34.348	27.639	30.030	32.395	37.044	43.2	0.111	1445.4	222
49	2	250	-1.271	-1.278	0.80	0.61	34.372	27.654	30.044	32.407	37.053	41.7	0.122	1446.4	247
49	2	275	-1.211	-1.218	0.88	0.68	34.392	27.669	30.057	32.419	37.063	40.3	0.132	1447.1	271
49	2	300	-1.462	-1.469	0.65	0.43	34.395	27.679	30.072	32.438	37.089	38.9	0.142	1446.4	296
49	2	325	-1.409	-1.417	0.72	0.48	34.410	27.690	30.082	32.447	37.096	37.9	0.152	1447.0	321

PS_84 50

77 0 S
163 0 W

Potential Temperature ($^{\circ}\text{C}$)

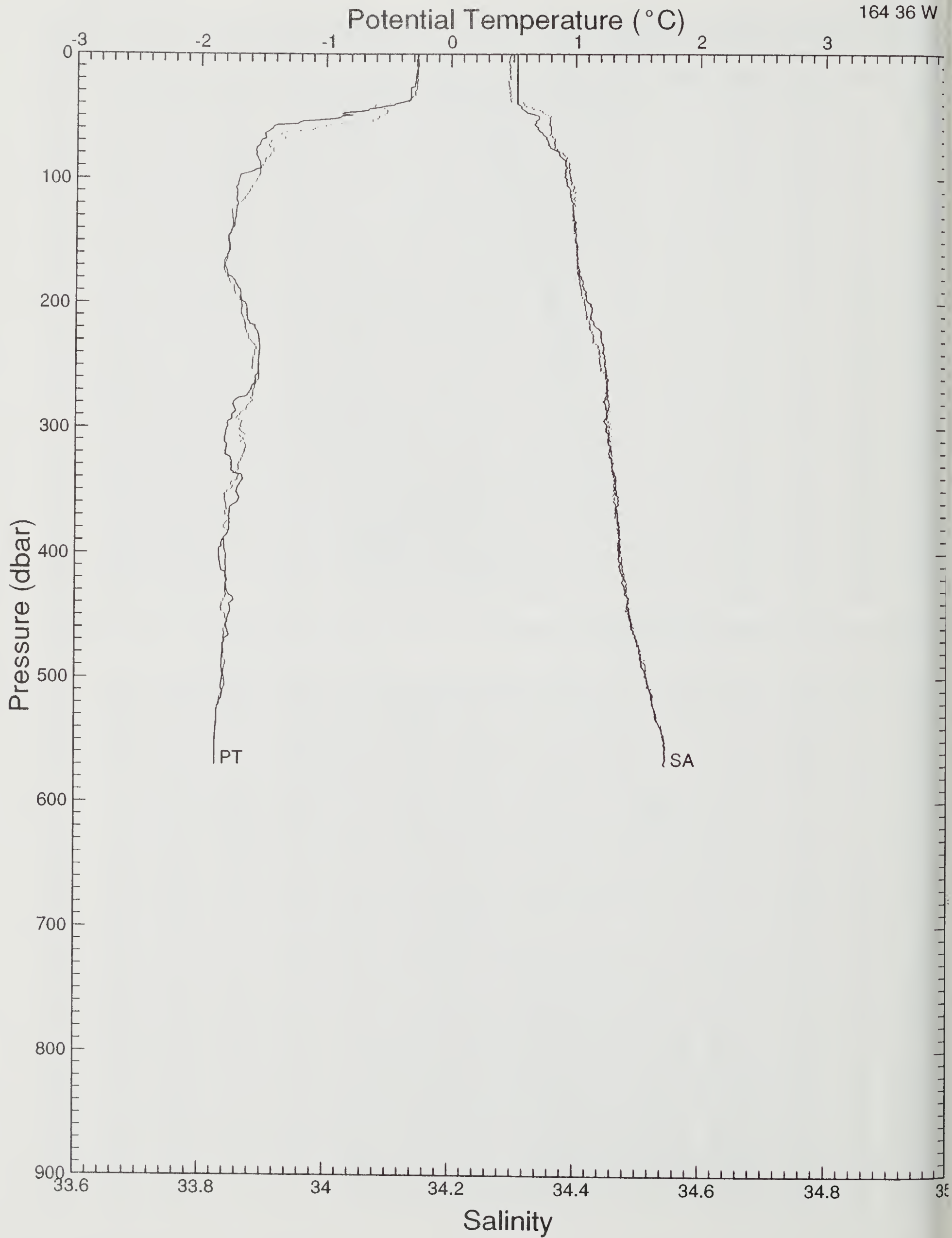


LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-77.002 -163.000 613 3 1007 50 4 1. 0250 29 JAN 1984 PS 84 1 50

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
50	1	0	-0.457	-0.457	1.42	1.42	34.165	27.454	29.832	32.183	36.806	61.7	0.000	1445.9	0
50	1	10	-0.471	-0.471	1.41	1.40	34.182	27.469	29.847	32.198	36.821	60.3	0.006	1446.0	9
50	1	20	-0.509	-0.510	1.38	1.37	34.208	27.491	29.870	32.222	36.846	58.2	0.012	1446.0	19
50	1	30	-0.516	-0.517	1.38	1.36	34.211	27.494	29.873	32.225	36.849	57.9	0.018	1446.2	29
50	1	40	-0.660	-0.661	1.25	1.22	34.259	27.539	29.920	32.274	36.902	53.6	0.023	1445.7	39
50	1	50	-0.661	-0.662	1.26	1.22	34.268	27.547	29.927	32.281	36.909	52.8	0.029	1445.9	49
50	1	60	-0.953	-0.955	0.97	0.93	34.273	27.562	29.948	32.306	36.943	51.3	0.034	1444.7	59
50	1	70	-1.324	-1.326	0.61	0.56	34.278	27.580	29.971	32.335	36.983	49.5	0.039	1443.1	69
50	1	80	-1.534	-1.536	0.41	0.35	34.291	27.597	29.991	32.359	37.013	47.8	0.044	1442.3	79
50	1	90	-1.581	-1.583	0.37	0.30	34.302	27.607	30.002	32.370	37.026	46.7	0.049	1442.3	89
50	1	100	-1.669	-1.671	0.29	0.21	34.307	27.614	30.010	32.380	37.038	46.0	0.053	1442.0	98
50	1	125	-1.594	-1.597	0.38	0.29	34.327	27.628	30.023	32.391	37.047	44.6	0.065	1442.8	123
50	1	150	-1.571	-1.574	0.43	0.31	34.348	27.645	30.039	32.407	37.062	42.9	0.076	1443.3	148
50	1	175	-1.720	-1.724	0.30	0.17	34.362	27.660	30.057	32.427	37.086	41.2	0.086	1443.1	173
50	1	200	-1.705	-1.709	0.33	0.18	34.377	27.672	30.069	32.438	37.097	40.0	0.096	1443.5	197
50	1	225	-1.804	-1.809	0.25	0.08	34.400	27.693	30.091	32.463	37.124	37.7	0.106	1443.5	222
50	1	250	-1.806	-1.811	0.27	0.08	34.415	27.706	30.104	32.475	37.136	36.4	0.115	1443.9	247
50	1	275	-1.801	-1.807	0.30	0.09	34.426	27.715	30.112	32.483	37.145	35.5	0.124	1444.4	271
50	1	300	-1.803	-1.810	0.31	0.09	34.437	27.724	30.121	32.492	37.154	34.5	0.133	1444.8	296
50	1	325	-1.798	-1.805	0.34	0.09	34.445	27.730	30.128	32.499	37.160	33.7	0.141	1445.2	321
50	1	350	-1.808	-1.816	0.35	0.08	34.449	27.734	30.131	32.502	37.164	33.2	0.150	1445.6	345
50	1	375	-1.815	-1.824	0.36	0.08	34.454	27.738	30.136	32.507	37.169	32.7	0.158	1446.0	370
50	1	400	-1.815	-1.824	0.38	0.08	34.457	27.740	30.138	32.509	37.171	32.3	0.166	1446.4	395
50	1	425	-1.820	-1.830	0.39	0.07	34.461	27.744	30.142	32.513	37.175	31.8	0.174	1446.8	420
50	1	450	-1.816	-1.827	0.41	0.08	34.465	27.747	30.145	32.516	37.178	31.4	0.182	1447.2	444
50	1	475	-1.819	-1.830	0.43	0.07	34.471	27.752	30.150	32.521	37.183	30.8	0.190	1447.6	469
50	1	500	-1.825	-1.837	0.44	0.07	34.474	27.754	30.153	32.524	37.186	30.4	0.197	1448.0	494
50	1	550	-1.825	-1.838	0.48	0.07	34.488	27.766	30.164	32.535	37.197	29.0	0.212	1448.8	543
50	1	600	-1.822	-1.837	0.52	0.07	34.520	27.792	30.190	32.561	37.222	26.3	0.226	1449.7	592
50	1	614	-1.823	-1.838	0.53	0.07	34.521	27.793	30.191	32.562	37.223	26.2	0.230	1449.9	606

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-77.002 -163.000 613 3 1007 50 3 1. 0318 29 JAN 1984 PS 84 2 50

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
50	2	0	-0.467	-0.467	1.41	1.41	34.182	27.468	29.846	32.198	36.821	60.4	0.000	1445.9	0
50	2	10	-0.466	-0.466	1.42	1.41	34.180	27.467	29.845	32.196	36.819	60.5	0.006	1446.0	9
50	2	20	-0.472	-0.473	1.42	1.40	34.177	27.465	29.843	32.194	36.817	60.7	0.012	1446.2	19
50	2	30	-0.516	-0.517	1.38	1.36	34.211	27.494	29.873	32.225	36.849	57.9	0.018	1446.2	29
50	2	40	-0.644	-0.645	1.27	1.24	34.255	27.535	29.916	32.269	36.897	53.9	0.024	1445.8	39
50	2	50	-0.670	-0.671	1.25	1.21	34.271	27.549	29.930	32.284	36.913	52.6	0.029	1445.9	49
50	2	60	-0.813	-0.815	1.11	1.07	34.284	27.566	29.949	32.305	36.937	51.0	0.034	1445.4	59
50	2	70	-1.384	-1.386	0.55	0.50	34.284	27.587	29.979	32.343	36.993	48.8	0.039	1442.8	69
50	2	80	-1.560	-1.562	0.38	0.32	34.295	27.601	29.996	32.363	37.018	47.4	0.044	1442.2	79
50	2	90	-1.481	-1.483	0.47	0.40	34.312	27.612	30.006	32.372	37.025	46.3	0.049	1442.7	89
50	2	100	-1.620	-1.622	0.34	0.26	34.310	27.615	30.011	32.379	37.036	45.9	0.053	1442.2	98
50	2	125	-1.608	-1.611	0.37	0.28	34.329	27.630	30.025	32.394	37.050	44.4	0.065	1442.7	123
50	2	150	-1.564	-1.567	0.43	0.32	34.350	27.646	30.040	32.408	37.063	42.8	0.075	1443.4	148
50	2	175	-1.708	-1.712	0.31	0.18	34.365	27.662	30.059	32.429	37.088	41.0	0.086	1443.1	173
50	2	200	-1.711	-1.715	0.33	0.18	34.385	27.679	30.075	32.445	37.104	39.3	0.096	1443.5	197
50	2	225	-1.805	-1.810	0.25	0.08	34.401	27.694	30.092	32.463	37.125	37.7	0.106	1443.5	222
50	2	250	-1.802	-1.807	0.27	0.09	34.417	27.707	30.105	32.476	37.138	36.3	0.115	1444.0	247
50	2	275	-1.801	-1.807	0.30	0.09	34.427	27.715	30.113	32.484	37.146	35.4	0.124	1444.4	271
50	2	300	-1.798	-1.805	0.32	0.09	34.439	27.725	30.123	32.494	37.155	34.3	0.132	1444.8	296
50	2	325	-1.804	-1.811	0.33	0.09	34.442	27.728	30.126	32.496	37.158	33.9	0.141	1445.2	321
50	2	350	-1.811	-1.819	0.34	0.08	34.452	27.736	30.134	32.505	37.167	33.0	0.149	1445.6	345
50	2	375	-1.814	-1.823	0.36	0.08	34.455	27.739	30.137	32.508	37.169	32.6	0.158	1446.0	370
50	2	400	-1.815	-1.824	0.38	0.08	34.458	27.741	30.139	32.510	37.172	32.2	0.166	1446.4	395
50	2	425	-1.817	-1.827	0.39	0.07	34.462	27.744	30.142	32.513	37.175	31.8	0.174	1446.8	420
50	2	450	-1.816	-1.827	0.41	0.08	34.467	27.748	30.146	32.517	37.179	31.3	0.182	1447.2	444
50	2	475	-1.815	-1.826	0.44	0.08	34.473	27.753	30.151	32.522	37.184	30.7	0.189	1447.6	469
50	2	500	-1.824	-1.836	0.45	0.07	34.475	27.755	30.153	32.524	37.186	30.3	0.197	1448.0	494
50	2	550	-1.827	-1.840	0.48	0.07	34.488	27.766	30.164	32.535	37.197	29.0	0.212	1448.8	543
50	2	600	-1.822	-1.837	0.52	0.07	34.522	27.793	30.191	32.562	37.224	26.2	0.226	1449.7	592
50	2	614	-1.824	-1.839	0.53	0.07	34.523	27.794	30.192	32.563	37.225	26.0	0.229	1449.9	606



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.990	-164.593	572	6	1007	20	5	2.		0530	29	JAN	1984	PS	84	1	51

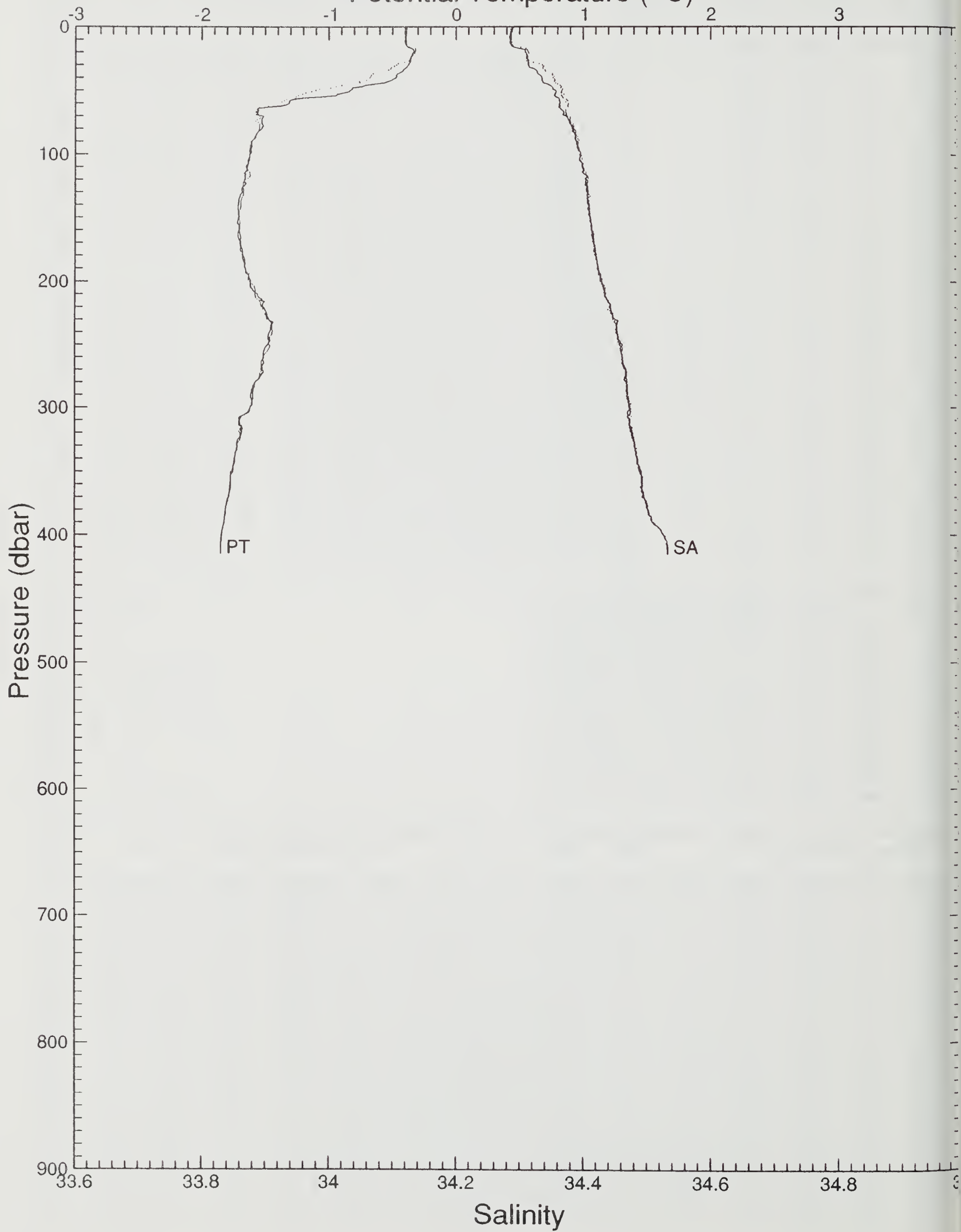
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
51	1	0	-0.273	-0.273	1.61	1.61	34.306	27.560	29.934	32.282	36.898	51.8	0.000	1447.0	0
51	1	10	-0.267	-0.267	1.62	1.62	34.306	27.559	29.934	32.282	36.898	51.8	0.005	1447.1	9
51	1	20	-0.283	-0.284	1.61	1.60	34.306	27.560	29.935	32.283	36.899	51.7	0.010	1447.2	19
51	1	30	-0.324	-0.325	1.58	1.56	34.306	27.562	29.937	32.286	36.904	51.5	0.016	1447.2	29
51	1	40	-0.447	-0.448	1.47	1.44	34.306	27.568	29.945	32.296	36.917	50.9	0.021	1446.8	39
51	1	50	-0.880	-0.881	1.04	1.00	34.341	27.615	29.998	32.355	36.989	46.4	0.026	1445.0	49
51	1	60	-1.429	-1.430	0.50	0.45	34.338	27.632	30.024	32.390	37.040	44.6	0.030	1442.5	59
51	1	70	-1.519	-1.521	0.42	0.37	34.355	27.649	30.042	32.409	37.062	43.0	0.034	1442.3	69
51	1	80	-1.553	-1.555	0.39	0.33	34.374	27.665	30.059	32.426	37.080	41.3	0.039	1442.3	79
51	1	90	-1.524	-1.526	0.43	0.36	34.385	27.673	30.067	32.433	37.087	40.5	0.043	1442.6	89
51	1	100	-1.692	-1.694	0.27	0.20	34.387	27.680	30.076	32.445	37.104	39.8	0.047	1442.0	98
51	1	125	-1.712	-1.715	0.27	0.18	34.397	27.688	30.085	32.455	37.113	38.8	0.057	1442.3	123
51	1	150	-1.767	-1.770	0.23	0.12	34.402	27.694	30.091	32.462	37.122	38.1	0.066	1442.5	148
51	1	175	-1.779	-1.783	0.24	0.11	34.406	27.698	30.095	32.466	37.127	37.7	0.076	1442.8	173
51	1	200	-1.635	-1.640	0.41	0.25	34.426	27.710	30.105	32.473	37.130	36.4	0.085	1444.0	197
51	1	225	-1.529	-1.534	0.53	0.36	34.442	27.720	30.113	32.480	37.133	35.5	0.094	1444.9	222
51	1	250	-1.524	-1.530	0.56	0.37	34.449	27.725	30.119	32.485	37.138	34.8	0.103	1445.3	247
51	1	275	-1.627	-1.633	0.47	0.26	34.449	27.728	30.123	32.491	37.147	34.3	0.111	1445.2	271
51	1	300	-1.772	-1.779	0.34	0.12	34.450	27.733	30.131	32.501	37.161	33.6	0.120	1445.0	296
51	1	325	-1.743	-1.750	0.39	0.15	34.461	27.741	30.138	32.508	37.168	32.7	0.128	1445.5	321
51	1	350	-1.691	-1.699	0.46	0.20	34.468	27.746	30.142	32.511	37.168	32.2	0.136	1446.2	345
51	1	375	-1.755	-1.764	0.42	0.14	34.473	27.752	30.149	32.519	37.178	31.5	0.144	1446.3	370
51	1	400	-1.833	-1.842	0.36	0.06	34.472	27.753	30.151	32.522	37.185	31.1	0.152	1446.3	395
51	1	425	-1.779	-1.789	0.43	0.11	34.480	27.758	30.155	32.526	37.186	30.5	0.160	1447.0	420
51	1	450	-1.751	-1.762	0.48	0.14	34.488	27.764	30.161	32.531	37.190	29.9	0.167	1447.6	444
51	1	475	-1.795	-1.806	0.46	0.10	34.505	27.779	30.176	32.547	37.208	28.3	0.175	1447.8	469
51	1	500	-1.799	-1.811	0.47	0.10	34.517	27.789	30.186	32.557	37.218	27.2	0.181	1448.2	494
51	1	550	-1.854	-1.867	0.46	0.04	34.545	27.813	30.211	32.583	37.245	24.6	0.194	1448.8	543
51	1	570	-1.853	-1.867	0.47	0.04	34.546	27.814	30.212	32.583	37.246	24.4	0.199	1449.1	563

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
51	1	3	-0.267	-0.267	34.294	27.550	9.01									2.44	12	3
51		22	-0.274	-0.275	34.296	27.552	9.00									2.22	11	22
51		22	-0.274	-0.275	34.295	27.551	9.02										10	22
51		127	-1.746	-1.749	34.397	27.689	6.68							2.84	1.32	9	125	
51		164	-1.778	-1.781	34.403	27.695	6.65							2.92	1.43	8	162	
51		257	-1.520	-1.526	34.444	27.721	6.53							2.52	1.25	7	254	
51	1	307	-1.671	-1.678	34.455	27.735	6.55							2.57	1.23	6	304	
51		408	-1.778	-1.788	34.477	27.756	6.57							3.11	1.29	4	403	
51		409	-1.777	-1.787	34.477	27.755	6.56										5	404
51		482	-1.797	-1.809	34.512	27.785	6.48									1.30	3	477
51		546	-1.851	-1.864	34.543	27.811	6.48							2.53	1.21	2	539	
51	1	560	-1.854	-1.868	34.545	27.813	6.50							2.92	1.61	1	554	

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.998	-164.587	572		1007	360	5	2.		0623	29	JAN	1984	PS	84	2	51

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
51	2	0	-0.266	-0.266	1.62	1.62	34.296	27.551	29.926	32.274	36.890	52.5	0.000	1447.0	0
51	2	10	-0.266	-0.266	1.62	1.62	34.295	27.550	29.925	32.273	36.889	52.6	0.005	1447.1	9
51	2	20	-0.268	-0.269	1.63	1.61	34.295	27.551	29.925	32.273	36.889	52.6	0.011	1447.3	19
51	2	30	-0.292	-0.293	1.61	1.59	34.295	27.552	29.927	32.275	36.892	52.5	0.016	1447.3	29
51	2	40	-0.493	-0.494	1.42	1.39	34.317	27.579	29.957	32.308	36.931	49.8	0.021	1446.6	39
51	2	50	-0.576	-0.578	1.35	1.31	34.360	27.617	29.996	32.349	36.973	46.2	0.026	1446.4	49
51	2	60	-1.093	-1.095	0.84	0.79	34.360	27.638	30.025	32.385	37.026	44.1	0.030	1444.2	59
51	2	70	-1.438	-1.440	0.50	0.45	34.366	27.655	30.047	32.413	37.063	42.4	0.035	1442.7	69
51	2	80	-1.440	-1.442	0.51	0.45	34.380	27.666	30.059	32.424	37.075	41.2	0.039	1442.9	79
51	2	90	-1.507	-1.509	0.45	0.38	34.389	27.676	30.069	32.436	37.088	40.3	0.043	1442.7	89
51	2	100	-1.551	-1.553	0.41	0.34	34.393	27.680	30.074	32.442	37.095	39.8	0.047	1442.7	98
51	2	125	-1.748	-1.751	0.23	0.14	34.396	27.689	30.086	32.456	37.116	38.8	0.057	1442.2	123
51	2	150	-1.772	-1.775	0.23	0.12	34.400	27.693	30.090	32.461	37.121	38.3	0.066	1442.4	148
51	2	175	-1.799	-1.803	0.22	0.09	34.403	27.696	30.094	32.465	37.126	37.8	0.076	1442.7	173
51	2	200	-1.663	-1.667	0.38	0.23	34.416	27.703	30.098	32.467	37.124	37.1	0.085	1443.8	197
51	2	225	-1.611	-1.616	0.45	0.28	34.430	27.712	30.107	32.475	37.131	36.1	0.094	1444.5	222
51	2	250	-1.573	-1.579	0.50	0.32	34.441	27.720	30.114	32.482	37.136	35.2	0.103	1445.1	247
51	2	275	-1.570	-1.577	0.53	0.32	34.453	27.730	30.124	32.491	37.145	34.2	0.112	1445.5	271
51	2	300	-1.662	-1.669	0.46	0.23	34.459	27.738	30.133	32.502	37.159	33.3	0.120	1445.5	296

Potential Temperature (°C)

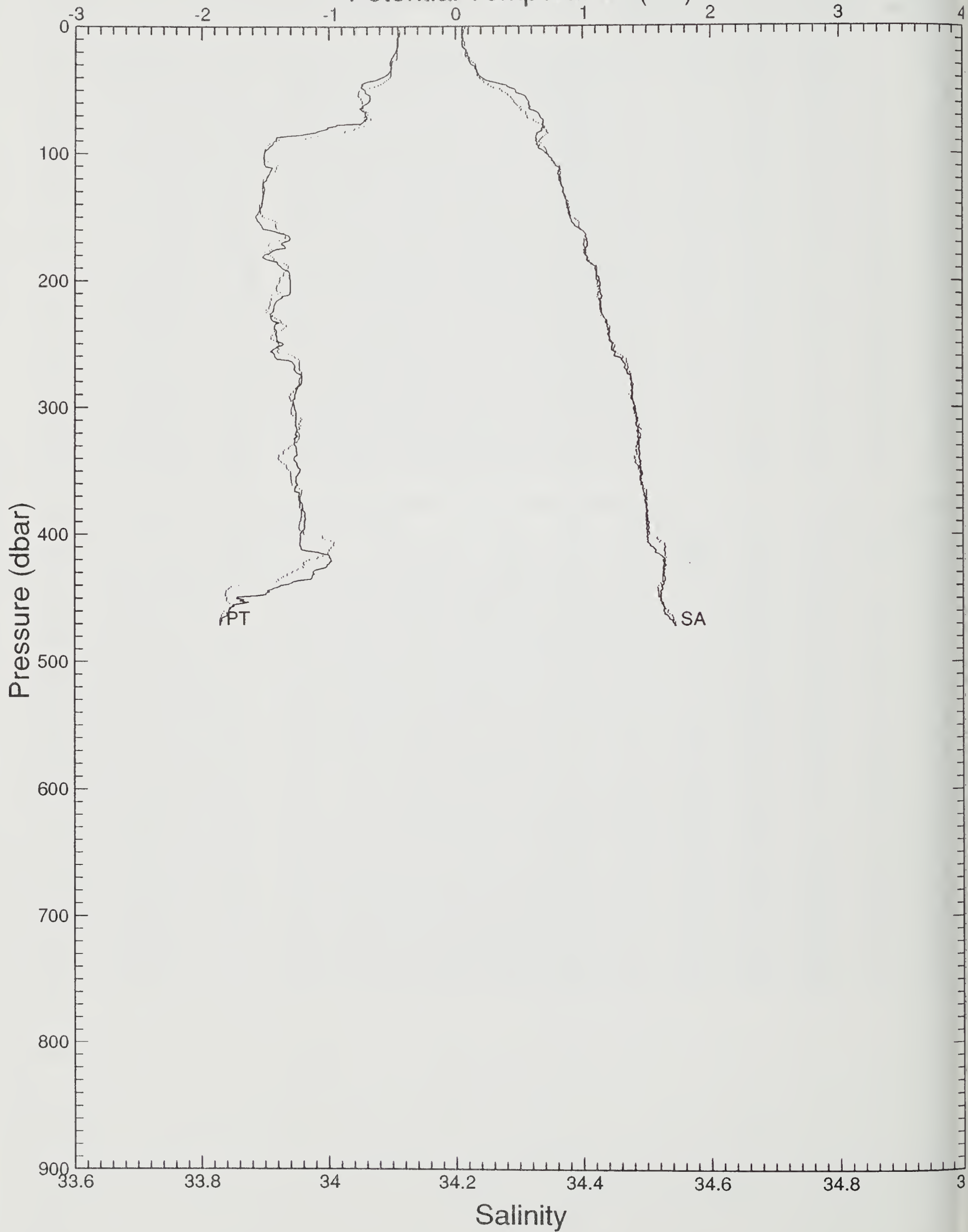


LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-76.998 -166.072 415 3 1007 10 5 1. 0834 29 JAN 1984 PS 84 1 52

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
52	1	0	-0.389	-0.389	1.49	1.49	34.288	27.551	29.927	32.277	36.896	52.6	0.000	1446.4	0
52	1	10	-0.399	-0.399	1.49	1.48	34.285	27.549	29.925	32.275	36.895	52.8	0.005	1446.5	9
52	1	20	-0.333	-0.334	1.56	1.55	34.309	27.565	29.940	32.289	36.907	51.2	0.011	1447.0	19
52	1	30	-0.374	-0.375	1.53	1.51	34.314	27.571	29.947	32.296	36.916	50.6	0.016	1447.0	29
52	1	40	-0.472	-0.473	1.44	1.41	34.335	27.592	29.970	32.321	36.943	48.6	0.021	1446.7	39
52	1	50	-0.832	-0.833	1.09	1.05	34.357	27.626	30.009	32.365	36.997	45.3	0.025	1445.2	49
52	1	60	-1.311	-1.312	0.62	0.57	34.364	27.649	30.040	32.403	37.050	43.0	0.030	1443.1	59
52	1	70	-1.509	-1.511	0.43	0.38	34.374	27.664	30.057	32.424	37.076	41.5	0.034	1442.4	69
52	1	80	-1.523	-1.525	0.42	0.36	34.383	27.671	30.065	32.432	37.085	40.7	0.038	1442.5	79
52	1	90	-1.603	-1.605	0.35	0.28	34.390	27.680	30.074	32.442	37.098	39.9	0.042	1442.3	89
52	1	100	-1.618	-1.620	0.34	0.27	34.395	27.684	30.079	32.447	37.103	39.4	0.046	1442.4	98
52	1	125	-1.658	-1.661	0.32	0.23	34.406	27.694	30.090	32.459	37.116	38.3	0.056	1442.6	123
52	1	150	-1.701	-1.704	0.30	0.19	34.412	27.700	30.097	32.466	37.124	37.6	0.065	1442.8	148
52	1	175	-1.673	-1.677	0.35	0.22	34.420	27.706	30.102	32.471	37.128	36.9	0.075	1443.4	173
52	1	200	-1.606	-1.611	0.43	0.28	34.430	27.712	30.107	32.475	37.130	36.2	0.084	1444.1	197
52	1	225	-1.483	-1.488	0.58	0.41	34.444	27.720	30.113	32.478	37.130	35.5	0.093	1445.1	222
52	1	250	-1.464	-1.470	0.62	0.43	34.463	27.735	30.127	32.493	37.143	34.0	0.101	1445.6	247
52	1	275	-1.521	-1.528	0.58	0.37	34.469	27.741	30.135	32.501	37.153	33.2	0.110	1445.8	271
52	1	300	-1.606	-1.613	0.51	0.29	34.474	27.748	30.143	32.510	37.165	32.3	0.118	1445.8	296
52	1	325	-1.704	-1.712	0.43	0.19	34.481	27.757	30.153	32.522	37.180	31.3	0.126	1445.7	321
52	1	350	-1.745	-1.753	0.41	0.15	34.490	27.765	30.162	32.532	37.191	30.3	0.134	1446.0	345
52	1	375	-1.789	-1.798	0.39	0.10	34.500	27.774	30.172	32.542	37.203	29.3	0.141	1446.2	370
52	1	400	-1.829	-1.838	0.37	0.07	34.527	27.798	30.195	32.566	37.228	26.9	0.148	1446.4	395
52	1	415	-1.836	-1.846	0.37	0.06	34.534	27.803	30.201	32.573	37.234	26.3	0.152	1446.6	410

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-77.000 -166.083 415 3 1007 20 6 0. 0854 29 JAN 1984 PS 84 2 52

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
52	2	0	-0.389	-0.389	1.49	1.49	34.287	27.550	29.926	32.276	36.896	52.7	0.000	1446.4	0
52	2	10	-0.394	-0.394	1.50	1.49	34.287	27.550	29.927	32.276	36.896	52.6	0.005	1446.5	9
52	2	20	-0.323	-0.324	1.57	1.56	34.314	27.568	29.944	32.292	36.910	50.9	0.010	1447.1	19
52	2	30	-0.468	-0.469	1.44	1.42	34.336	27.593	29.970	32.321	36.943	48.5	0.015	1446.6	29
52	2	40	-0.678	-0.679	1.24	1.21	34.353	27.616	29.997	32.350	36.978	46.3	0.020	1445.8	39
52	2	50	-1.101	-1.102	0.82	0.78	34.367	27.644	30.031	32.391	37.032	43.5	0.025	1444.0	49
52	2	60	-1.447	-1.448	0.48	0.44	34.377	27.664	30.057	32.422	37.073	41.6	0.029	1442.5	59
52	2	70	-1.543	-1.545	0.40	0.34	34.376	27.666	30.060	32.427	37.081	41.3	0.033	1442.2	69
52	2	80	-1.542	-1.544	0.41	0.34	34.386	27.674	30.068	32.435	37.089	40.5	0.037	1442.4	79
52	2	90	-1.608	-1.610	0.35	0.28	34.392	27.681	30.076	32.444	37.100	39.7	0.041	1442.2	89
52	2	100	-1.617	-1.619	0.35	0.27	34.397	27.686	30.081	32.449	37.105	39.3	0.045	1442.4	98
52	2	125	-1.670	-1.673	0.31	0.22	34.408	27.696	30.092	32.461	37.118	38.1	0.055	1442.5	123
52	2	150	-1.704	-1.707	0.30	0.19	34.413	27.701	30.098	32.467	37.125	37.5	0.064	1442.8	148
52	2	175	-1.687	-1.691	0.33	0.20	34.418	27.705	30.101	32.470	37.128	37.0	0.074	1443.3	173
52	2	200	-1.614	-1.619	0.43	0.28	34.428	27.711	30.106	32.474	37.129	36.4	0.083	1444.1	197
52	2	225	-1.477	-1.482	0.58	0.41	34.448	27.723	30.116	32.481	37.133	35.2	0.092	1445.1	222
52	2	250	-1.463	-1.469	0.62	0.43	34.458	27.731	30.123	32.489	37.139	34.3	0.100	1445.6	247
52	2	275	-1.532	-1.539	0.57	0.36	34.468	27.741	30.134	32.501	37.154	33.2	0.109	1445.7	271
52	2	300	-1.609	-1.616	0.51	0.28	34.473	27.747	30.142	32.510	37.165	32.4	0.117	1445.8	296
52	2	325	-1.686	-1.694	0.45	0.21	34.480	27.755	30.151	32.520	37.177	31.5	0.125	1445.8	321
52	2	350	-1.757	-1.765	0.40	0.14	34.493	27.768	30.165	32.535	37.194	30.1	0.133	1445.9	345
52	2	375	-1.789	-1.798	0.39	0.10	34.502	27.776	30.174	32.544	37.204	29.1	0.140	1446.2	370
52	2	400	-1.829	-1.838	0.37	0.07	34.527	27.798	30.195	32.566	37.228	26.9	0.147	1446.4	395
52	2	415	-1.836	-1.846	0.37	0.06	34.534	27.803	30.201	32.573	37.234	26.3	0.151	1446.6	410

Potential Temperature ($^{\circ}\text{C}$)

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-76.945 -167.530 471 3 1007 20 5 1. 1107 29 JAN 1984 PS 84 1 53

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
53	1	0	-0.456	-0.456	1.42	1.42	34.211	27.491	29.869	32.220	36.843	58.2	0.000	1446.0	0
53	1	10	-0.456	-0.456	1.43	1.42	34.211	27.491	29.869	32.220	36.843	58.2	0.006	1446.1	9
53	1	20	-0.472	-0.473	1.42	1.41	34.216	27.496	29.874	32.225	36.848	57.7	0.012	1446.2	19
53	1	30	-0.513	-0.514	1.39	1.36	34.226	27.506	29.885	32.237	36.861	56.7	0.017	1446.2	29
53	1	40	-0.584	-0.585	1.33	1.29	34.242	27.522	29.902	32.255	36.881	55.2	0.023	1446.1	39
53	1	50	-0.712	-0.713	1.21	1.17	34.295	27.571	29.952	32.306	36.936	50.6	0.028	1445.7	49
53	1	60	-0.696	-0.698	1.23	1.19	34.315	27.586	29.967	32.321	36.950	49.1	0.033	1446.0	59
53	1	70	-0.709	-0.711	1.23	1.17	34.333	27.601	29.982	32.337	36.966	47.6	0.038	1446.1	69
53	1	80	-1.003	-1.005	0.94	0.88	34.336	27.615	30.001	32.360	36.998	46.2	0.043	1444.9	79
53	1	90	-1.426	-1.428	0.53	0.46	34.326	27.622	30.014	32.380	37.031	45.4	0.047	1443.0	89
53	1	100	-1.504	-1.506	0.46	0.38	34.342	27.638	30.031	32.398	37.051	43.9	0.052	1442.8	98
53	1	125	-1.508	-1.511	0.47	0.38	34.367	27.658	30.051	32.418	37.071	41.8	0.063	1443.3	123
53	1	150	-1.568	-1.571	0.43	0.32	34.381	27.671	30.066	32.433	37.088	40.4	0.073	1443.4	148
53	1	175	-1.406	-1.410	0.61	0.48	34.405	27.686	30.077	32.442	37.092	39.0	0.083	1444.6	173
53	1	200	-1.294	-1.299	0.75	0.59	34.426	27.699	30.089	32.452	37.098	37.7	0.092	1445.6	197
53	1	225	-1.437	-1.443	0.62	0.45	34.429	27.706	30.098	32.464	37.114	36.8	0.102	1445.3	222
53	1	250	-1.346	-1.352	0.73	0.54	34.447	27.718	30.109	32.472	37.119	35.6	0.111	1446.2	247
53	1	275	-1.202	-1.209	0.90	0.69	34.475	27.736	30.124	32.485	37.128	34.0	0.119	1447.3	271
53	1	300	-1.258	-1.266	0.86	0.64	34.482	27.743	30.132	32.495	37.139	33.1	0.128	1447.5	296
53	1	325	-1.256	-1.265	0.88	0.64	34.488	27.748	30.137	32.499	37.144	32.5	0.136	1447.9	321
53	1	350	-1.216	-1.226	0.94	0.68	34.493	27.751	30.139	32.501	37.144	32.2	0.144	1448.5	345
53	1	375	-1.197	-1.208	0.98	0.70	34.498	27.754	30.142	32.504	37.146	31.8	0.152	1449.0	370
53	1	400	-1.211	-1.222	0.98	0.68	34.502	27.758	30.146	32.508	37.151	31.4	0.160	1449.3	395
53	1	425	-1.000	-1.013	1.21	0.90	34.529	27.772	30.157	32.515	37.152	30.2	0.168	1450.8	420
53	1	450	-1.712	-1.723	0.52	0.18	34.523	27.791	30.187	32.556	37.214	27.4	0.175	1447.8	444
53	1	471	-1.839	-1.850	0.41	0.06	34.544	27.812	30.210	32.581	37.243	25.2	0.180	1447.6	465

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-76.952 -167.535 471 3 1007 20 5 1. 1128 29 JAN 1984 PS 84 2 53

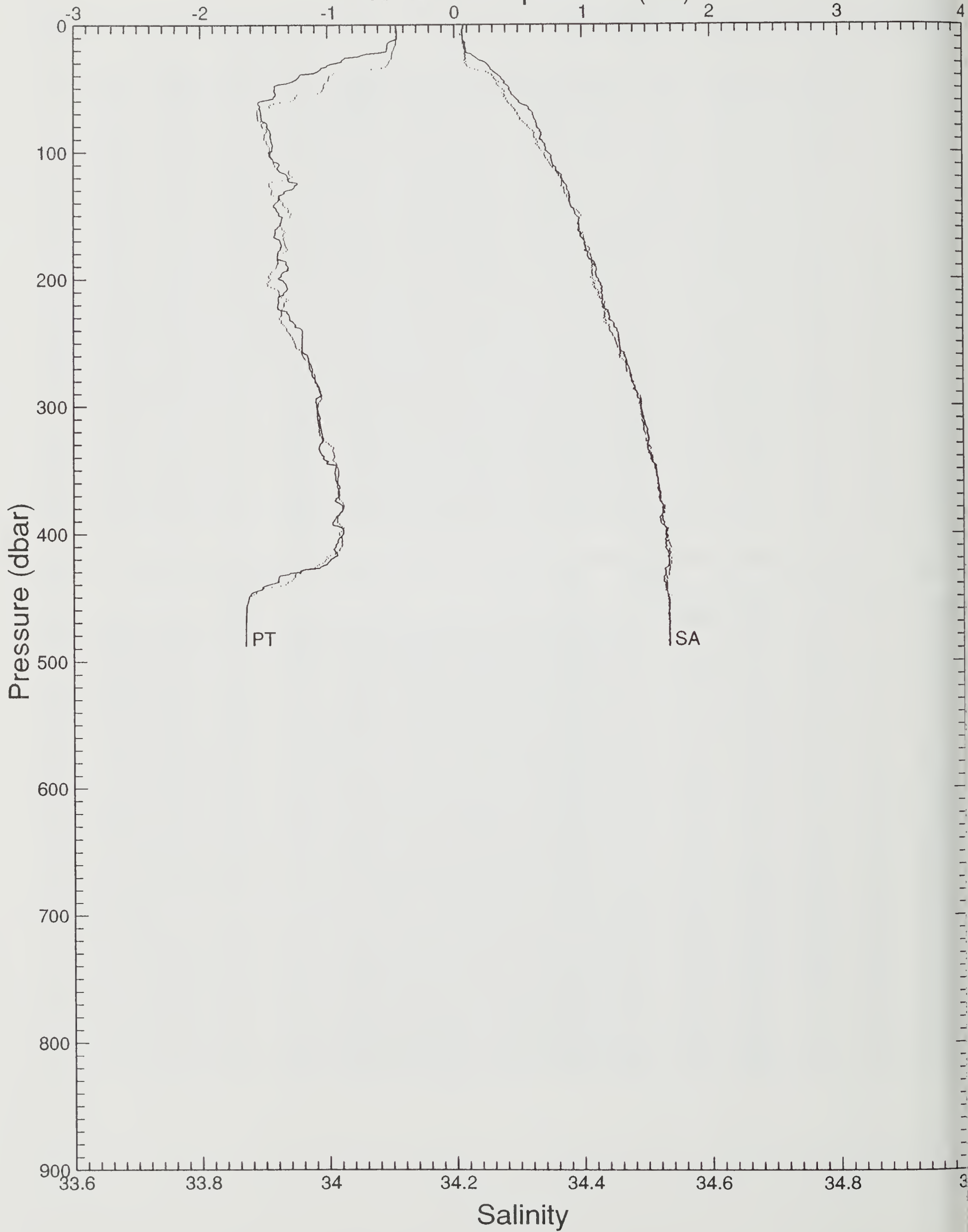
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
53	2	0	-0.458	-0.458	1.42	1.42	34.215	27.495	29.872	32.224	36.846	57.9	0.000	1446.0	0
53	2	10	-0.461	-0.461	1.42	1.42	34.212	27.492	29.870	32.221	36.844	58.1	0.006	1446.1	9
53	2	20	-0.463	-0.464	1.43	1.41	34.219	27.498	29.876	32.227	36.850	57.5	0.012	1446.3	19
53	2	30	-0.504	-0.505	1.40	1.37	34.232	27.511	29.889	32.241	36.864	56.3	0.017	1446.3	29
53	2	40	-0.516	-0.517	1.39	1.36	34.238	27.516	29.895	32.246	36.870	55.8	0.023	1446.4	39
53	2	50	-0.758	-0.759	1.16	1.12	34.273	27.555	29.937	32.292	36.923	52.1	0.028	1445.5	49
53	2	60	-0.734	-0.736	1.19	1.15	34.294	27.571	29.952	32.307	36.937	50.5	0.033	1445.8	59
53	2	70	-0.700	-0.702	1.24	1.18	34.313	27.585	29.966	32.320	36.949	49.2	0.038	1446.1	69
53	2	80	-0.794	-0.796	1.15	1.09	34.340	27.610	29.993	32.349	36.980	46.7	0.043	1445.9	79
53	2	90	-1.405	-1.407	0.55	0.48	34.332	27.626	30.018	32.383	37.033	45.0	0.048	1443.1	89
53	2	100	-1.503	-1.505	0.46	0.38	34.345	27.640	30.033	32.400	37.053	43.6	0.052	1442.8	98
53	2	125	-1.514	-1.517	0.47	0.37	34.368	27.659	30.053	32.419	37.072	41.7	0.063	1443.2	123
53	2	150	-1.501	-1.504	0.50	0.39	34.385	27.672	30.066	32.432	37.085	40.3	0.073	1443.7	148
53	2	175	-1.445	-1.449	0.57	0.44	34.405	27.687	30.079	32.445	37.095	38.8	0.083	1444.4	173
53	2	200	-1.379	-1.384	0.66	0.51	34.424	27.700	30.091	32.456	37.104	37.5	0.093	1445.2	197
53	2	225	-1.484	-1.489	0.58	0.41	34.430	27.709	30.101	32.467	37.119	36.5	0.102	1445.1	222
53	2	250	-1.385	-1.391	0.69	0.51	34.449	27.721	30.112	32.476	37.125	35.3	0.111	1446.0	247
53	2	275	-1.205	-1.212	0.89	0.69	34.475	27.736	30.124	32.486	37.128	34.0	0.119	1447.3	271
53	2	300	-1.284	-1.292	0.83	0.61	34.480	27.743	30.132	32.495	37.140	33.1	0.128	1447.3	296
53	2	325	-1.229	-1.238	0.91	0.66	34.489	27.748	30.137	32.498	37.142	32.6	0.136	1448.0	321
53	2	350	-1.288	-1.297	0.87	0.60	34.490	27.751	30.140	32.503	37.148	32.1	0.144	1448.1	345
53	2	375	-1.214	-1.224	0.96	0.68	34.500	27.756	30.145	32.506	37.149	31.6	0.152	1448.9	370
53	2	400	-1.180	-1.191	1.01	0.71	34.505	27.759	30.147	32.508	37.150	31.3	0.160	1449.5	395
53	2	425	-1.193	-1.205	1.02	0.70	34.526	27.777	30.165	32.526	37.168	29.5	0.168	1449.9	420
53	2	450	-1.789	-1.800	0.45	0.11	34.522	27.792	30.190	32.560	37.220	27.2	0.175	1447.4	444
53	2	471	-1.844	-1.855	0.41	0.05	34.546	27.813	30.212	32.583	37.245	25.0	0.180	1447.5	465

PS_84 54

76 53 S

169 6 W

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.878	-169.108	488	3	1007	10	3	1.		1348	29	JAN	1984	PS	84	1	54

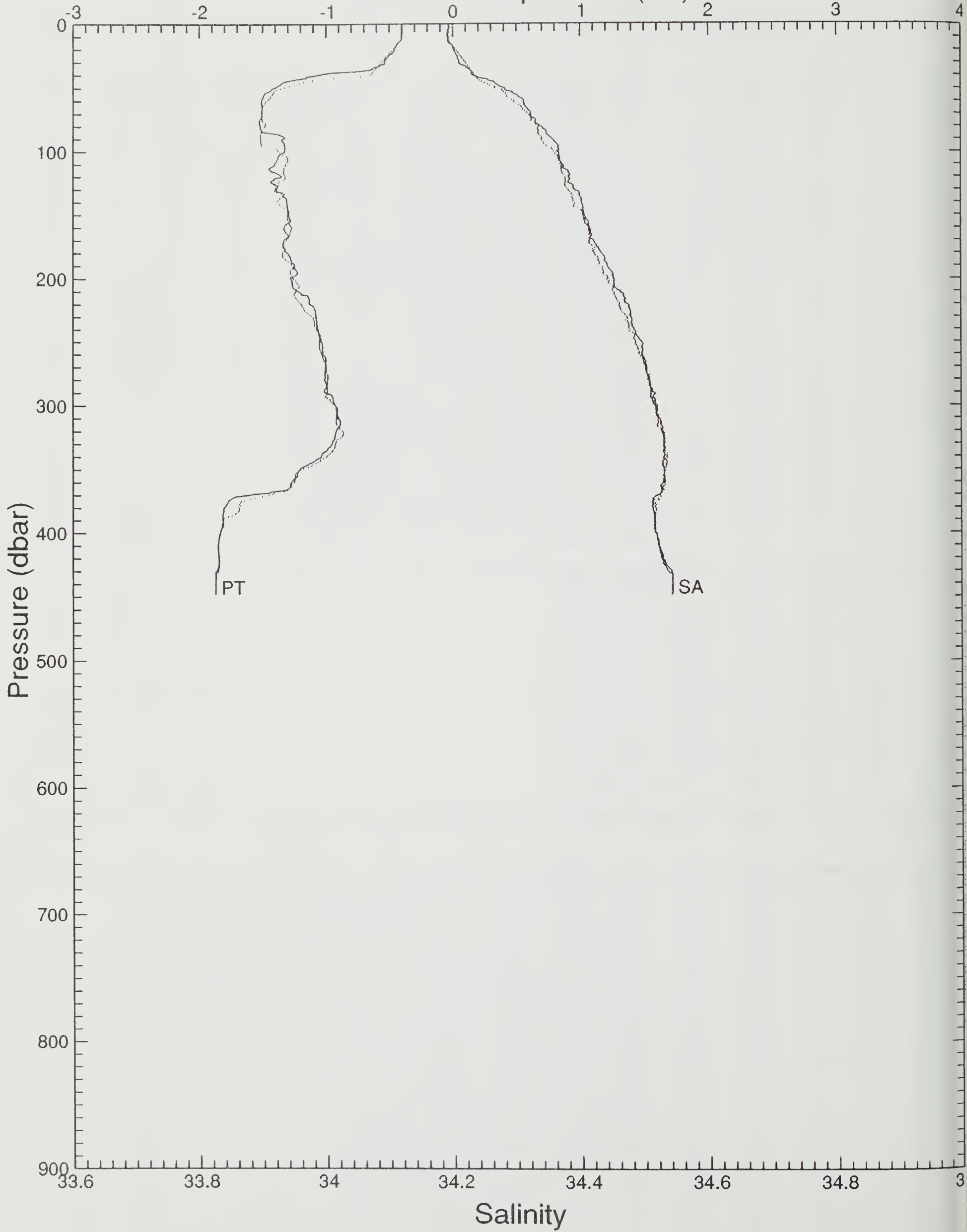
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
54	1	0	-0.459	-0.459	1.42	1.42	34.215	27.495	29.873	32.224	36.846	57.9	0.000	1446.0	0
54	1	10	-0.453	-0.453	1.43	1.42	34.213	27.493	29.871	32.222	36.844	58.1	0.006	1446.2	9
54	1	20	-0.531	-0.532	1.36	1.35	34.218	27.500	29.879	32.231	36.856	57.3	0.012	1446.0	19
54	1	30	-0.929	-0.930	0.97	0.95	34.250	27.543	29.928	32.286	36.922	53.2	0.017	1444.3	29
54	1	40	-1.217	-1.218	0.69	0.66	34.270	27.570	29.959	32.321	36.966	50.6	0.022	1443.1	39
54	1	50	-1.411	-1.412	0.51	0.47	34.287	27.590	29.982	32.348	36.998	48.6	0.027	1442.4	49
54	1	60	-1.525	-1.526	0.40	0.36	34.302	27.606	30.000	32.367	37.021	47.1	0.032	1442.0	59
54	1	70	-1.518	-1.520	0.42	0.37	34.324	27.623	30.017	32.384	37.037	45.3	0.037	1442.3	69
54	1	80	-1.473	-1.475	0.47	0.41	34.330	27.627	30.020	32.386	37.038	45.0	0.041	1442.6	79
54	1	90	-1.437	-1.439	0.51	0.45	34.333	27.628	30.021	32.386	37.037	44.8	0.046	1443.0	89
54	1	100	-1.463	-1.465	0.50	0.42	34.347	27.640	30.033	32.399	37.051	43.6	0.050	1443.0	98
54	1	125	-1.231	-1.234	0.75	0.65	34.374	27.655	30.044	32.406	37.050	42.2	0.061	1444.6	123
54	1	150	-1.374	-1.378	0.63	0.51	34.391	27.673	30.065	32.429	37.077	40.3	0.071	1444.3	148
54	1	175	-1.364	-1.368	0.66	0.52	34.406	27.685	30.076	32.440	37.088	39.1	0.081	1444.8	173
54	1	200	-1.370	-1.375	0.67	0.52	34.426	27.702	30.093	32.457	37.105	37.4	0.091	1445.2	197
54	1	225	-1.309	-1.315	0.75	0.58	34.442	27.713	30.103	32.466	37.112	36.3	0.100	1445.9	222
54	1	250	-1.190	-1.197	0.89	0.70	34.459	27.722	30.110	32.472	37.114	35.3	0.109	1446.9	247
54	1	275	-1.113	-1.121	0.99	0.78	34.476	27.733	30.120	32.480	37.120	34.3	0.117	1447.7	271
54	1	300	-1.076	-1.085	1.04	0.82	34.491	27.744	30.130	32.490	37.128	33.2	0.126	1448.3	296
54	1	325	-1.023	-1.032	1.12	0.87	34.504	27.753	30.138	32.497	37.134	32.3	0.134	1449.0	321
54	1	350	-0.930	-0.941	1.23	0.96	34.515	27.758	30.142	32.499	37.133	31.9	0.142	1449.9	345
54	1	375	-0.917	-0.928	1.26	0.98	34.522	27.763	30.147	32.504	37.138	31.3	0.150	1450.3	370
54	1	400	-0.868	-0.880	1.33	1.03	34.530	27.768	30.151	32.507	37.139	30.9	0.158	1451.0	395
54	1	425	-1.025	-1.038	1.19	0.87	34.534	27.777	30.163	32.521	37.158	29.7	0.165	1450.7	420
54	1	450	-1.609	-1.620	0.63	0.29	34.533	27.796	30.191	32.558	37.213	27.0	0.172	1448.3	444
54	1	475	-1.632	-1.644	0.62	0.26	34.535	27.799	30.193	32.561	37.217	26.7	0.179	1448.6	469
54	1	488	-1.633	-1.645	0.63	0.26	34.535	27.799	30.193	32.561	37.217	26.6	0.183	1448.8	482

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
54		3	-0.461	-0.461	34.213	27.493	8.90									2.42	12	3
54		22	-0.486	-0.487	34.215	27.496	8.89										11	22
54		62	-1.416	-1.417	34.281	27.585	7.03							2.73	1.63	10	61	
54		102	-1.442	-1.444	34.342	27.636	6.52										9	101
54		153	-1.313	-1.317	34.398	27.677	6.44							2.36	1.25	8	152	
54		204	-1.459	-1.464	34.419	27.699	6.39							2.34	1.16	7	201	
54		254	-1.235	-1.242	34.452	27.718	6.21							2.51	1.36	6	252	
54		306	-1.071	-1.080	34.492	27.745	6.07										5	302
54		356	-0.912	-0.923	34.517	27.759	5.96							2.13	1.04	4	352	
54		407	-0.878	-0.891	34.536	27.773	5.89										3	403
54		458	-1.629	-1.641	34.537	27.800	6.37							2.69	1.29	2	452	
54	1	489	-1.635	-1.647	34.536	27.799	6.36							2.60	1.35	1	483	

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.882	-169.105	488	3	1007	20	3	1.		1444	29	JAN	1984	PS	84	2	54

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
54	2	0	-0.460	-0.460	1.42	1.42	34.215	27.495	29.873	32.224	36.846	57.9	0.000	1446.0	0
54	2	10	-0.459	-0.459	1.43	1.42	34.213	27.493	29.871	32.222	36.845	58.0	0.006	1446.1	9
54	2	20	-0.478	-0.479	1.41	1.40	34.217	27.497	29.875	32.227	36.850	57.6	0.012	1446.2	19
54	2	30	-0.514	-0.515	1.39	1.36	34.217	27.499	29.878	32.229	36.854	57.4	0.017	1446.2	29
54	2	40	-0.980	-0.981	0.93	0.90	34.260	27.553	29.939	32.297	36.935	52.2	0.023	1444.2	39
54	2	50	-1.026	-1.027	0.89	0.85	34.273	27.565	29.952	32.311	36.950	51.0	0.028	1444.2	49
54	2	60	-1.284	-1.285	0.64	0.60	34.284	27.583	29.974	32.337	36.984	49.2	0.033	1443.2	59
54	2	70	-1.547	-1.549	0.39	0.33	34.300	27.605	29.999	32.367	37.021	47.1	0.038	1442.1	69
54	2	80	-1.508	-1.510	0.44	0.38	34.315	27.616	30.009	32.376	37.029	46.0	0.043	1442.5	79
54	2	90	-1.492	-1.494	0.46	0.39	34.329	27.627	30.020	32.386	37.039	44.9	0.047	1442.7	89
54	2	100	-1.439	-1.441	0.52	0.44	34.339	27.633	30.026	32.391	37.042	44.3	0.052	1443.1	98
54	2	125	-1.451	-1.454	0.53	0.43	34.369	27.658	30.050	32.416	37.067	41.8	0.062	1443.5	123
54	2	150	-1.288	-1.292	0.71	0.60	34.399	27.677	30.067	32.430	37.076	40.0	0.073	1444.8	148
54	2	175	-1.316	-1.320	0.70	0.57	34.410	27.687	30.077	32.440	37.087	38.9	0.082	1445.0	173
54	2	200	-1.440	-1.445	0.60	0.45	34.417	27.697	30.089	32.454	37.104	37.8	0.092	1444.9	197
54	2	225	-1.355	-1.361	0.70	0.53	34.437	27.710	30.101	32.465	37.112	36.5	0.101	1445.7	222
54	2	250	-1.247	-1.254	0.83	0.64	34.454	27.720	30.109	32.471	37.116	35.5	0.110	1446.7	247
54	2	275	-1.092	-1.100	1.01	0.80	34.477	27.733	30.120	32.480	37.119	34.3	0.119	1447.8	271
54	2	300	-1.067	-1.076	1.05	0.83	34.492	27.745	30.131	32.490	37.128	33.2	0.127	1448.4	296
54	2	325	-1.035	-1.044	1.10	0.86	34.503	27.752	30.138	32.497	37.134	32.4	0.136	1448.9	321
54	2	350	-0.903	-0.914	1.25	0.99	34.516	27.758	30.141	32.498	37.131	31.9	0.144	1450.0	345

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.832	-170.620	448	3	1007	360	2	0.		1705	29	JAN	1984	PS	84	1	55

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
55	1	0	-0.399	-0.399	1.48	1.48	34.195	27.476	29.853	32.203	36.824	59.7	0.000	1446.2	0
55	1	10	-0.401	-0.401	1.48	1.47	34.192	27.473	29.851	32.201	36.822	59.9	0.006	1446.4	9
55	1	20	-0.457	-0.458	1.43	1.42	34.202	27.484	29.862	32.213	36.836	58.9	0.012	1446.3	19
55	1	30	-0.534	-0.535	1.37	1.34	34.210	27.494	29.873	32.225	36.850	57.9	0.018	1446.1	29
55	1	40	-1.074	-1.075	0.83	0.80	34.231	27.533	29.920	32.281	36.921	54.1	0.023	1443.8	39
55	1	50	-1.424	-1.425	0.50	0.46	34.282	27.586	29.979	32.344	36.995	49.0	0.029	1442.3	49
55	1	60	-1.507	-1.508	0.42	0.38	34.312	27.613	30.007	32.374	37.027	46.4	0.033	1442.1	59
55	1	70	-1.503	-1.505	0.43	0.38	34.322	27.621	30.015	32.381	37.034	45.5	0.038	1442.3	69
55	1	80	-1.517	-1.519	0.43	0.37	34.338	27.635	30.028	32.395	37.049	44.2	0.042	1442.4	79
55	1	90	-1.348	-1.350	0.60	0.54	34.356	27.644	30.035	32.399	37.047	43.3	0.047	1443.4	89
55	1	100	-1.326	-1.328	0.64	0.56	34.363	27.649	30.040	32.403	37.051	42.8	0.051	1443.7	98
55	1	125	-1.413	-1.416	0.57	0.47	34.382	27.667	30.059	32.424	37.074	41.0	0.062	1443.7	123
55	1	150	-1.289	-1.293	0.71	0.60	34.407	27.683	30.073	32.436	37.082	39.4	0.072	1444.8	148
55	1	175	-1.331	-1.335	0.69	0.56	34.426	27.700	30.091	32.454	37.101	37.6	0.081	1445.0	173
55	1	200	-1.270	-1.275	0.77	0.62	34.452	27.719	30.109	32.471	37.116	35.8	0.090	1445.7	197
55	1	225	-1.077	-1.083	0.98	0.81	34.478	27.734	30.120	32.479	37.118	34.5	0.099	1447.1	222
55	1	250	-1.024	-1.031	1.06	0.87	34.496	27.746	30.132	32.490	37.127	33.2	0.108	1447.8	247
55	1	275	-1.000	-1.008	1.10	0.89	34.504	27.752	30.137	32.495	37.131	32.6	0.116	1448.3	271
55	1	300	-0.913	-0.922	1.21	0.98	34.521	27.762	30.146	32.502	37.136	31.6	0.124	1449.1	296
55	1	325	-0.923	-0.933	1.22	0.97	34.530	27.770	30.154	32.510	37.144	30.8	0.132	1449.5	321
55	1	350	-1.200	-1.210	0.96	0.70	34.531	27.781	30.169	32.530	37.172	29.4	0.139	1448.6	345
55	1	375	-1.764	-1.773	0.41	0.13	34.512	27.784	30.181	32.551	37.210	28.4	0.146	1446.3	370
55	1	400	-1.828	-1.837	0.37	0.07	34.516	27.789	30.187	32.558	37.219	27.8	0.153	1446.4	395
55	1	425	-1.836	-1.846	0.38	0.06	34.532	27.802	30.200	32.571	37.233	26.4	0.160	1446.8	420
55	1	448	-1.861	-1.871	0.37	0.04	34.543	27.811	30.210	32.581	37.244	25.3	0.166	1447.1	442

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.837	-170.620	448	3	1007	360	2	0.		1725	29	JAN	1984	PS	84	2	55

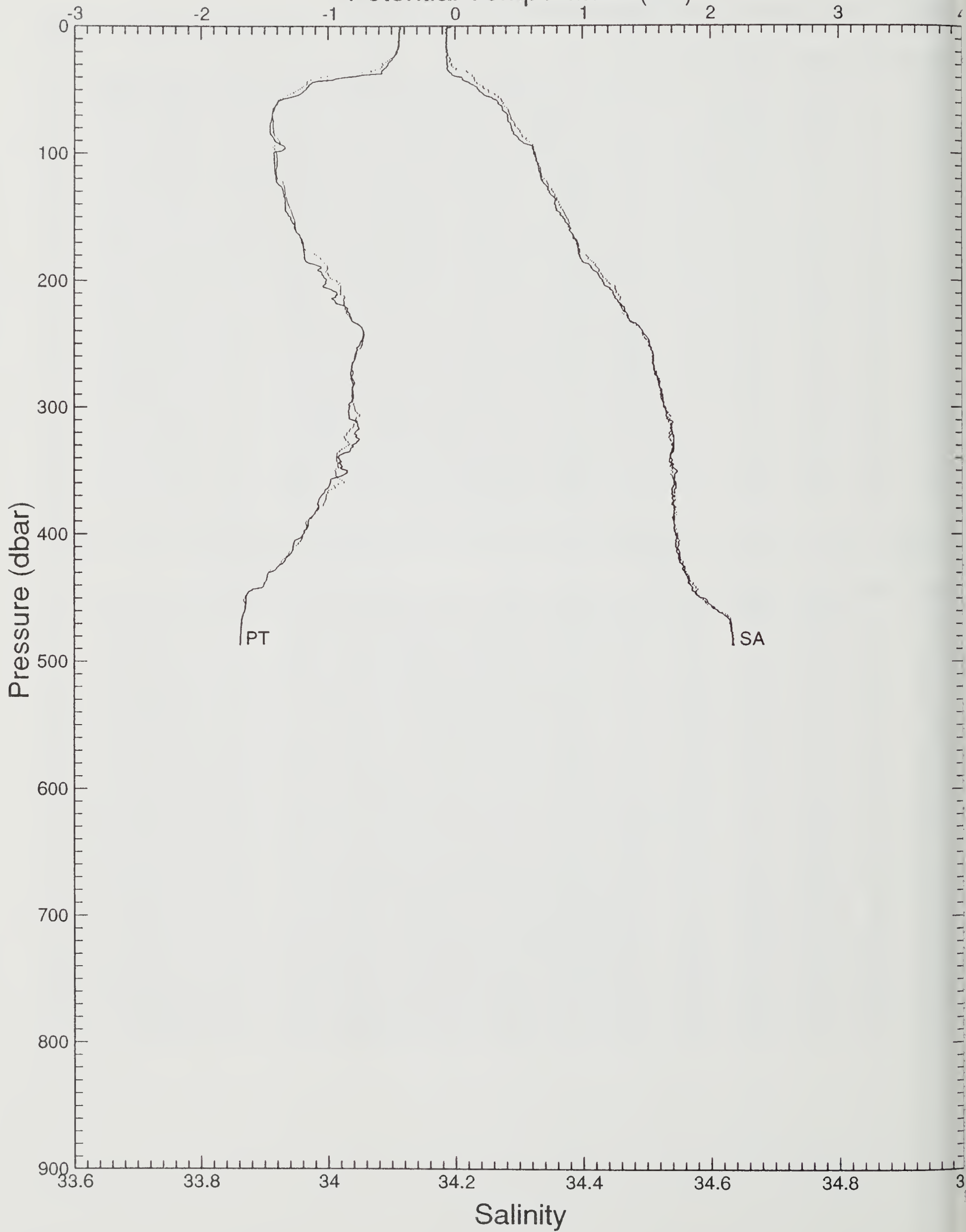
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
55	2	0	-0.405	-0.405	1.47	1.47	34.193	27.474	29.852	32.202	36.823	59.8	0.000	1446.2	0
55	2	10	-0.405	-0.405	1.48	1.47	34.193	27.474	29.852	32.202	36.823	59.8	0.006	1446.3	9
55	2	20	-0.476	-0.477	1.42	1.40	34.205	27.487	29.866	32.217	36.840	58.5	0.012	1446.2	19
55	2	30	-0.564	-0.565	1.34	1.31	34.220	27.503	29.883	32.236	36.861	57.0	0.018	1446.0	29
55	2	40	-0.652	-0.653	1.26	1.23	34.235	27.519	29.900	32.254	36.882	55.4	0.023	1445.7	39
55	2	50	-1.356	-1.357	0.56	0.52	34.266	27.571	29.963	32.327	36.976	50.4	0.029	1442.6	49
55	2	60	-1.475	-1.476	0.45	0.41	34.296	27.599	29.993	32.359	37.011	47.7	0.034	1442.3	59
55	2	70	-1.506	-1.508	0.43	0.38	34.317	27.617	30.011	32.378	37.031	45.9	0.038	1442.3	69
55	2	80	-1.483	-1.485	0.46	0.40	34.335	27.631	30.024	32.391	37.043	44.6	0.043	1442.6	79
55	2	90	-1.513	-1.515	0.44	0.37	34.340	27.636	30.030	32.397	37.050	44.0	0.047	1442.6	89
55	2	100	-1.367	-1.369	0.59	0.52	34.359	27.647	30.038	32.403	37.051	43.0	0.052	1443.5	98
55	2	125	-1.397	-1.400	0.58	0.49	34.377	27.663	30.054	32.419	37.068	41.4	0.062	1443.8	123
55	2	150	-1.300	-1.304	0.70	0.59	34.404	27.681	30.071	32.435	37.081	39.6	0.072	1444.7	148
55	2	175	-1.302	-1.306	0.72	0.59	34.419	27.694	30.084	32.447	37.093	38.3	0.082	1445.1	173
55	2	200	-1.251	-1.256	0.79	0.64	34.444	27.712	30.101	32.464	37.108	36.5	0.091	1445.8	197
55	2	225	-1.158	-1.164	0.90	0.73	34.463	27.724	30.112	32.473	37.114	35.3	0.100	1446.7	222
55	2	250	-1.043	-1.050	1.04	0.85	34.487	27.740	30.125	32.484	37.122	33.8	0.109	1447.7	247
55	2	275	-0.981	-0.989	1.12	0.91	34.504	27.751	30.136	32.494	37.129	32.7	0.117	1448.4	271
55	2	300	-0.917	-0.926	1.20	0.98	34.516	27.758	30.142	32.499	37.133	32.0	0.125	1449.1	296
55	2	325	-0.879	-0.889	1.26	1.02	34.529	27.767	30.150	32.507	37.139	31.1	0.133	1449.7	321
55	2	350	-1.193	-1.203	0.97	0.70	34.531	27.781	30.169	32.530	37.172	29.4	0.141	1448.6	345
55	2	375	-1.661	-1.670	0.52	0.23	34.519	27.786	30.182	32.550	37.206	28.3	0.148	1446.8	370
55	2	400	-1.827	-1.836	0.37	0.07	34.519	27.791	30.189	32.560	37.221	27.5	0.155	1446.4	395
55	2	425	-1.835	-1.845	0.38	0.06	34.530	27.800	30.198	32.569	37.231	26.5	0.162	1446.8	420
55	2	448	-1.861	-1.871	0.37	0.04	34.542	27.811	30.209	32.580	37.243	25.4	0.168	1447.1	442

PS_84 56

76 46 S

172 19 W

Potential Temperature ($^{\circ}\text{C}$)



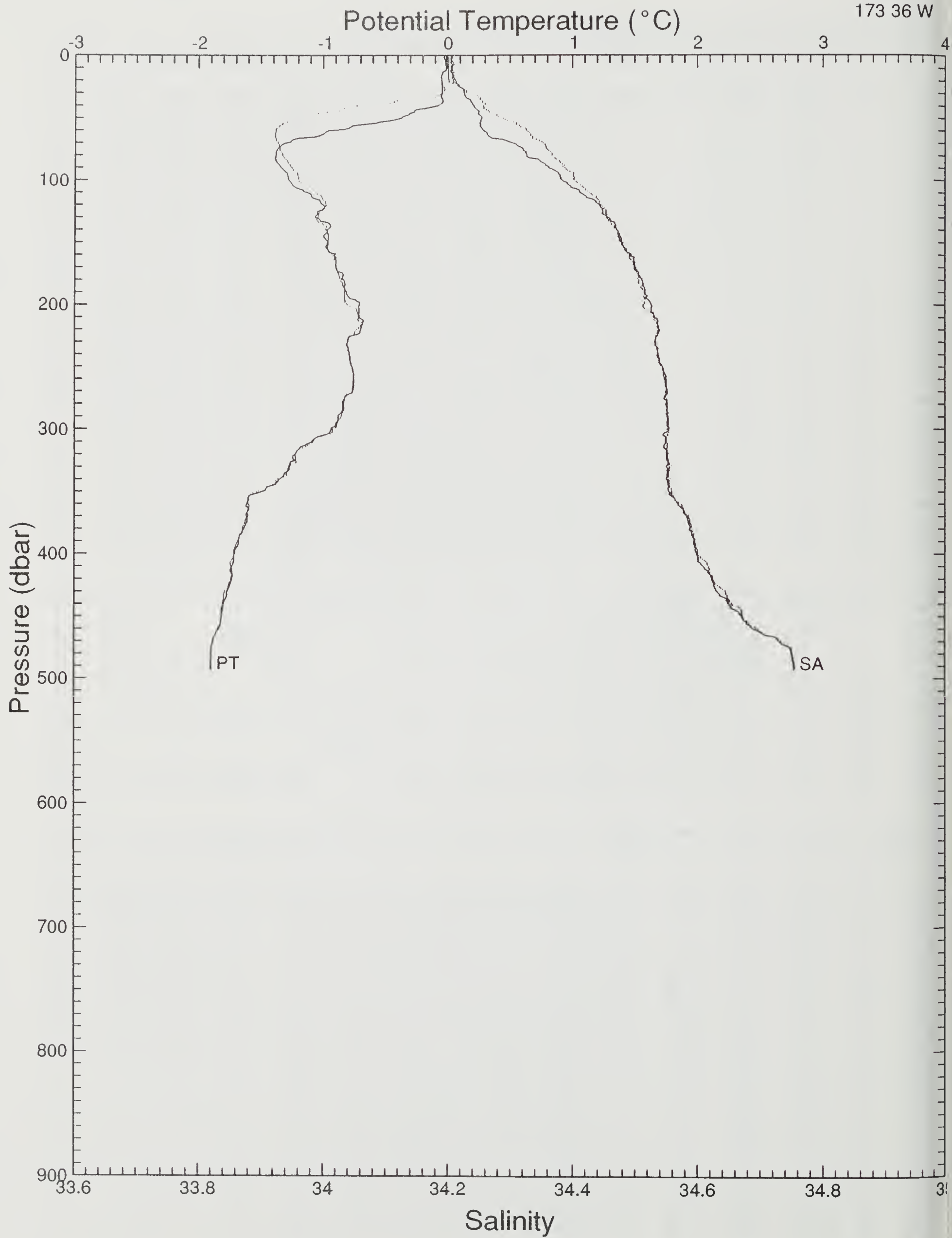
LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-76.773 -172.325 492 8 1006 330 1 1. 1939 29 JAN 1984 PS 84 1 56

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
56	1	0	-0.431	-0.431	1.44	1.44	34.193	27.476	29.853	32.204	36.826	59.7	0.000	1446.1	0
56	1	10	-0.441	-0.441	1.44	1.43	34.187	27.471	29.849	32.200	36.822	60.1	0.006	1446.2	9
56	1	20	-0.455	-0.456	1.44	1.42	34.186	27.471	29.849	32.200	36.823	60.1	0.012	1446.3	19
56	1	30	-0.528	-0.529	1.37	1.35	34.187	27.475	29.854	32.206	36.831	59.7	0.018	1446.1	29
56	1	40	-0.873	-0.874	1.03	1.00	34.211	27.509	29.893	32.251	36.886	56.4	0.024	1444.7	39
56	1	50	-1.180	-1.181	0.74	0.70	34.238	27.542	29.931	32.293	36.937	53.2	0.029	1443.4	49
56	1	60	-1.397	-1.398	0.53	0.48	34.268	27.574	29.966	32.331	36.982	50.1	0.034	1442.6	59
56	1	70	-1.437	-1.439	0.50	0.44	34.283	27.588	29.980	32.346	36.997	48.8	0.039	1442.6	69
56	1	80	-1.453	-1.455	0.49	0.43	34.288	27.592	29.985	32.351	37.003	48.3	0.044	1442.7	79
56	1	90	-1.414	-1.416	0.54	0.47	34.303	27.603	29.995	32.361	37.011	47.2	0.049	1443.1	89
56	1	100	-1.425	-1.427	0.53	0.46	34.324	27.620	30.013	32.378	37.029	45.5	0.054	1443.2	98
56	1	125	-1.377	-1.380	0.60	0.51	34.343	27.634	30.026	32.390	37.040	44.1	0.065	1443.9	123
56	1	150	-1.288	-1.292	0.71	0.60	34.370	27.653	30.043	32.406	37.053	42.2	0.076	1444.7	148
56	1	175	-1.184	-1.189	0.84	0.70	34.394	27.669	30.058	32.419	37.062	40.7	0.086	1445.6	173
56	1	200	-1.006	-1.012	1.03	0.88	34.432	27.693	30.079	32.437	37.074	38.4	0.096	1446.9	197
56	1	225	-0.832	-0.839	1.23	1.06	34.468	27.716	30.098	32.454	37.086	36.3	0.105	1448.2	222
56	1	250	-0.737	-0.745	1.34	1.16	34.505	27.742	30.123	32.477	37.105	33.8	0.114	1449.1	247
56	1	275	-0.811	-0.819	1.29	1.08	34.514	27.752	30.134	32.490	37.120	32.7	0.122	1449.2	271
56	1	300	-0.822	-0.831	1.30	1.07	34.527	27.763	30.145	32.501	37.132	31.6	0.130	1449.6	296
56	1	325	-0.740	-0.750	1.40	1.16	34.543	27.773	30.154	32.508	37.136	30.7	0.138	1450.4	321
56	1	350	-0.835	-0.846	1.33	1.06	34.548	27.781	30.163	32.519	37.150	29.8	0.146	1450.4	345
56	1	375	-1.064	-1.075	1.11	0.83	34.541	27.784	30.170	32.529	37.167	29.2	0.153	1449.7	370
56	1	400	-1.181	-1.192	1.02	0.71	34.546	27.793	30.180	32.541	37.183	28.1	0.160	1449.5	395
56	1	425	-1.379	-1.391	0.84	0.52	34.559	27.810	30.201	32.565	37.212	26.2	0.167	1449.0	420
56	1	450	-1.635	-1.646	0.60	0.26	34.591	27.844	30.239	32.606	37.261	22.5	0.173	1448.3	444
56	1	475	-1.674	-1.686	0.58	0.23	34.633	27.879	30.275	32.643	37.298	19.0	0.178	1448.5	469
56	1	487	-1.679	-1.691	0.59	0.22	34.636	27.882	30.277	32.645	37.301	18.7	0.181	1448.7	481

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
56		2	-0.438	-0.438	34.187	27.471					233	229					11	2
56		3	-0.441	-0.441	34.186	27.470	8.87	17.6	1.42	61.7			2096	2307		2.54	12	3
56		71	-1.436	-1.438	34.287	27.591											9	71
56		71	-1.436	-1.438	34.295	27.597	6.79	28.2	2.05	67.0			2189		3.52	1.79	10	71
56		203	-0.909	-0.915	34.448	27.703	6.02						2212		2.50	1.37	8	201
56		204	-0.893	-0.899	34.449	27.703					440	423					7	202
56		305	-0.754	-0.764	34.531	27.764	5.81	30.9	2.17	82.5			2221	2336	2.12	1.09	6	302
56	1	305	-0.754	-0.764	34.533	27.765					448	433					5	302
56		382	-1.074	-1.085	34.544	27.787					445	425					3	377
56		382	-1.074	-1.085	34.542	27.785	5.99	30.6	2.16	81.1			2221	2338	2.41	1.01	4	378
56		486	-1.677	-1.689	34.635	27.881	6.26	30.6	2.16	80.0			2226	2342	2.60	1.08	2	480
56		486	-1.677	-1.689	34.637	27.883					452	420					1	481

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-76.780 -172.322 492 8 1006 0 3. 2023 29 JAN 1984 PS 84 2 56

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
56	2	0	-0.439	-0.439	1.44	1.44	34.188	27.472	29.850	32.200	36.823	60.1	0.000	1446.0	0
56	2	10	-0.445	-0.445	1.44	1.43	34.186	27.471	29.848	32.199	36.822	60.2	0.006	1446.2	9
56	2	20	-0.463	-0.464	1.43	1.41	34.187	27.472	29.850	32.202	36.824	60.0	0.012	1446.2	19
56	2	30	-0.564	-0.565	1.33	1.31	34.194	27.482	29.862	32.215	36.841	59.0	0.018	1445.9	29
56	2	40	-1.055	-1.056	0.85	0.82	34.230	27.531	29.918	32.278	36.919	54.3	0.024	1443.8	39
56	2	50	-1.234	-1.235	0.68	0.65	34.252	27.556	29.945	32.308	36.953	51.9	0.029	1443.2	49
56	2	60	-1.403	-1.404	0.52	0.48	34.276	27.581	29.973	32.338	36.989	49.4	0.034	1442.6	59
56	2	70	-1.436	-1.438	0.50	0.45	34.287	27.591	29.983	32.349	37.000	48.4	0.039	1442.6	69
56	2	80	-1.430	-1.432	0.51	0.45	34.298	27.600	29.992	32.358	37.009	47.6	0.044	1442.8	79
56	2	90	-1.381	-1.383	0.57	0.50	34.313	27.610	30.002	32.367	37.016	46.5	0.048	1443.2	89
56	2	100	-1.404	-1.406	0.56	0.48	34.326	27.621	30.013	32.379	37.028	45.4	0.053	1443.3	98
56	2	125	-1.343	-1.346	0.64	0.54	34.347	27.636	30.027	32.392	37.039	43.9	0.064	1444.0	123
56	2	150	-1.269	-1.273	0.73	0.62	34.375	27.657	30.046	32.409	37.055	41.9	0.075	1444.8	148
56	2	175	-1.175	-1.180	0.84	0.71	34.396	27.671	30.059	32.420	37.062	40.5	0.085	1445.7	173
56	2	200	-0.924	-0.930	1.12	0.97	34.439	27.696	30.080	32.437	37.072	38.2	0.095	1447.3	197
56	2	225	-0.847	-0.854	1.21	1.04	34.466	27.715	30.098	32.454	37.086	36.4	0.104	1448.1	222
56	2	250	-0.721	-0.729	1.36	1.17	34.505	27.741	30.122	32.476	37.104	33.9	0.113	1449.2	247
56	2	275	-0.796	-0.804	1.31	1.10	34.516	27.753	30.135	32.490	37.120	32.6	0.121	1449.3	271
56	2	300	-0.778	-0.787	1.34	1.12	34.530	27.764	30.145	32.500	37.130	31.6	0.129	1449.8	296
56	2	325	-0.853	-0.863	1.29	1.04	34.537	27.773	30.155	32.511	37.143	30.6	0.137	1449.8	321
56	2	350	-0.934	-0.945	1.22	0.96	34.539	27.778	30.161	32.519	37.153	30.0	0.145	1449.9	345

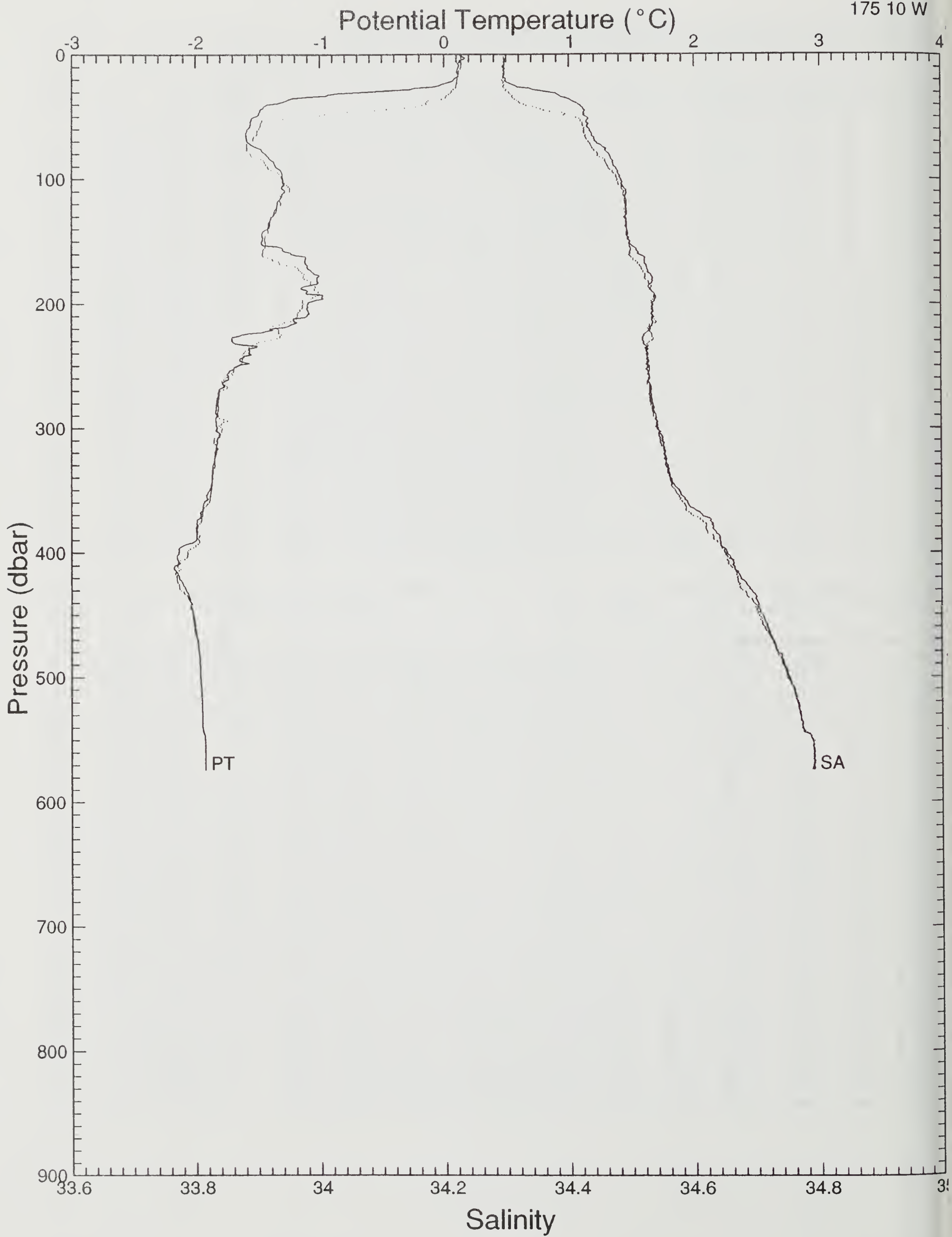


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.700	-173.603	493	3	1006	310	3	4.		2235	29	JAN	1984	PS	84	1	57

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
57	1	0	-0.030	-0.030	1.85	1.85	34.207	27.468	29.839	32.184	36.794	60.5	0.000	1447.9	0
57	1	10	-0.011	-0.011	1.87	1.87	34.207	27.467	29.838	32.182	36.792	60.5	0.006	1448.2	9
57	1	20	-0.047	-0.048	1.84	1.83	34.213	27.473	29.845	32.190	36.800	59.9	0.012	1448.2	19
57	1	30	-0.042	-0.043	1.86	1.84	34.227	27.484	29.856	32.201	36.811	58.8	0.018	1448.4	29
57	1	40	-0.081	-0.082	1.83	1.80	34.242	27.499	29.871	32.216	36.827	57.5	0.024	1448.4	39
57	1	50	-0.372	-0.374	1.54	1.51	34.255	27.523	29.899	32.249	36.869	55.1	0.030	1447.2	49
57	1	60	-0.956	-0.958	0.97	0.92	34.258	27.550	29.936	32.294	36.931	52.4	0.035	1444.7	59
57	1	70	-1.306	-1.308	0.63	0.58	34.305	27.601	29.992	32.355	37.002	47.5	0.040	1443.2	69
57	1	80	-1.379	-1.381	0.56	0.50	34.327	27.621	30.013	32.378	37.027	45.5	0.045	1443.1	79
57	1	90	-1.332	-1.334	0.62	0.55	34.362	27.648	30.039	32.403	37.050	42.9	0.049	1443.5	89
57	1	100	-1.271	-1.273	0.69	0.62	34.384	27.664	30.054	32.417	37.062	41.4	0.053	1444.0	98
57	1	125	-1.042	-1.045	0.94	0.85	34.449	27.709	30.094	32.453	37.091	37.2	0.063	1445.6	123
57	1	150	-0.958	-0.962	1.05	0.93	34.480	27.730	30.115	32.472	37.108	35.1	0.072	1446.4	148
57	1	175	-0.833	-0.838	1.19	1.06	34.506	27.747	30.129	32.485	37.116	33.5	0.081	1447.5	173
57	1	200	-0.699	-0.705	1.35	1.20	34.527	27.758	30.138	32.492	37.119	32.5	0.089	1448.5	197
57	1	225	-0.762	-0.769	1.30	1.13	34.537	27.769	30.150	32.504	37.133	31.3	0.097	1448.6	222
57	1	250	-0.754	-0.762	1.33	1.14	34.545	27.775	30.156	32.510	37.139	30.7	0.105	1449.1	247
57	1	275	-0.815	-0.823	1.29	1.08	34.548	27.780	30.162	32.517	37.148	30.1	0.112	1449.2	271
57	1	300	-0.921	-0.930	1.20	0.98	34.554	27.789	30.173	32.529	37.163	29.1	0.120	1449.1	296
57	1	325	-1.213	-1.222	0.93	0.68	34.554	27.800	30.188	32.550	37.192	27.7	0.127	1448.2	321
57	1	350	-1.481	-1.490	0.68	0.42	34.555	27.810	30.202	32.568	37.218	26.4	0.133	1447.3	345
57	1	375	-1.598	-1.607	0.58	0.30	34.586	27.839	30.233	32.600	37.254	23.4	0.140	1447.2	370
57	1	400	-1.696	-1.706	0.51	0.20	34.600	27.853	30.249	32.617	37.274	21.8	0.145	1447.2	395
57	1	425	-1.734	-1.744	0.49	0.17	34.626	27.875	30.271	32.641	37.298	19.6	0.150	1447.4	420
57	1	450	-1.801	-1.812	0.44	0.10	34.673	27.916	30.312	32.682	37.342	15.6	0.155	1447.6	444
57	1	475	-1.881	-1.892	0.39	0.03	34.748	27.979	30.377	32.747	37.409	9.4	0.158	1447.7	469
57	1	493	-1.884	-1.896	0.40	0.02	34.754	27.984	30.382	32.752	37.414	8.9	0.160	1448.0	487

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.697	-173.680	493	3	1006	310	3	5.		2257	29	JAN	1984	PS	84	2	57

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
57	2	0	-0.013	-0.013	1.86	1.86	34.208	27.468	29.839	32.183	36.792	60.5	0.000	1448.0	0
57	2	10	0.005	0.005	1.89	1.88	34.205	27.464	29.835	32.179	36.788	60.8	0.006	1448.3	9
57	2	20	0.012	0.011	1.90	1.89	34.209	27.467	29.838	32.182	36.791	60.5	0.012	1448.5	19
57	2	30	-0.048	-0.049	1.85	1.83	34.233	27.490	29.861	32.206	36.816	58.4	0.018	1448.4	29
57	2	40	-0.729	-0.730	1.18	1.15	34.257	27.540	29.922	32.277	36.907	53.4	0.024	1445.4	39
57	2	50	-1.207	-1.208	0.71	0.67	34.289	27.585	29.974	32.336	36.980	49.2	0.029	1443.4	49
57	2	60	-1.381	-1.382	0.55	0.50	34.327	27.621	30.013	32.378	37.027	45.6	0.034	1442.8	59
57	2	70	-1.359	-1.361	0.58	0.53	34.353	27.642	30.033	32.397	37.046	43.6	0.038	1443.1	69
57	2	80	-1.324	-1.326	0.62	0.56	34.367	27.652	30.043	32.406	37.053	42.6	0.042	1443.4	79
57	2	90	-1.248	-1.250	0.71	0.64	34.388	27.667	30.056	32.418	37.063	41.2	0.047	1444.0	89
57	2	100	-1.182	-1.185	0.78	0.71	34.403	27.676	30.065	32.426	37.068	40.3	0.051	1444.5	98
57	2	125	-1.028	-1.031	0.96	0.86	34.454	27.712	30.098	32.456	37.094	36.9	0.060	1445.7	123
57	2	150	-0.956	-0.960	1.05	0.94	34.482	27.732	30.116	32.474	37.109	34.9	0.069	1446.4	148
57	2	175	-0.871	-0.876	1.15	1.02	34.505	27.747	30.130	32.486	37.119	33.4	0.078	1447.3	173
57	2	200	-0.797	-0.803	1.25	1.10	34.514	27.752	30.133	32.488	37.119	33.0	0.086	1448.0	197
57	2	225	-0.779	-0.786	1.29	1.12	34.534	27.767	30.149	32.503	37.133	31.5	0.094	1448.6	222
57	2	250	-0.758	-0.766	1.33	1.14	34.545	27.775	30.156	32.511	37.139	30.7	0.102	1449.1	247
57	2	275	-0.816	-0.824	1.29	1.08	34.549	27.781	30.163	32.518	37.148	30.0	0.109	1449.2	271
57	2	300	-0.908	-0.917	1.22	0.99	34.552	27.787	30.170	32.527	37.160	29.3	0.117	1449.2	296
57	2	325	-1.206	-1.215	0.94	0.69	34.552	27.798	30.186	32.547	37.190	27.9	0.124	1448.2	321
57	2	350	-1.520	-1.529	0.64	0.38	34.560	27.815	30.208	32.574	37.226	25.8	0.131	1447.1	345
57	2	375	-1.616	-1.625	0.56	0.28	34.589	27.842	30.236	32.604	37.258	23.1	0.137	1447.1	370
57	2	400	-1.702	-1.712	0.50	0.20	34.601	27.854	30.250	32.618	37.275	21.7	0.142	1447.1	395
57	2	425	-1.745	-1.755	0.48	0.16	34.633	27.881	30.278	32.647	37.305	19.0	0.148	1447.4	420
57	2	450	-1.801	-1.812	0.44	0.10	34.673	27.916	30.312	32.682	37.342	15.6	0.152	1447.6	444
57	2	475	-1.881	-1.892	0.39	0.03	34.750	27.980	30.378	32.749	37.410	9.3	0.155	1447.7	469
57	2	493	-1.884	-1.896	0.40	0.02	34.754	27.984	30.382	32.752	37.414	8.9	0.157	1448.0	487

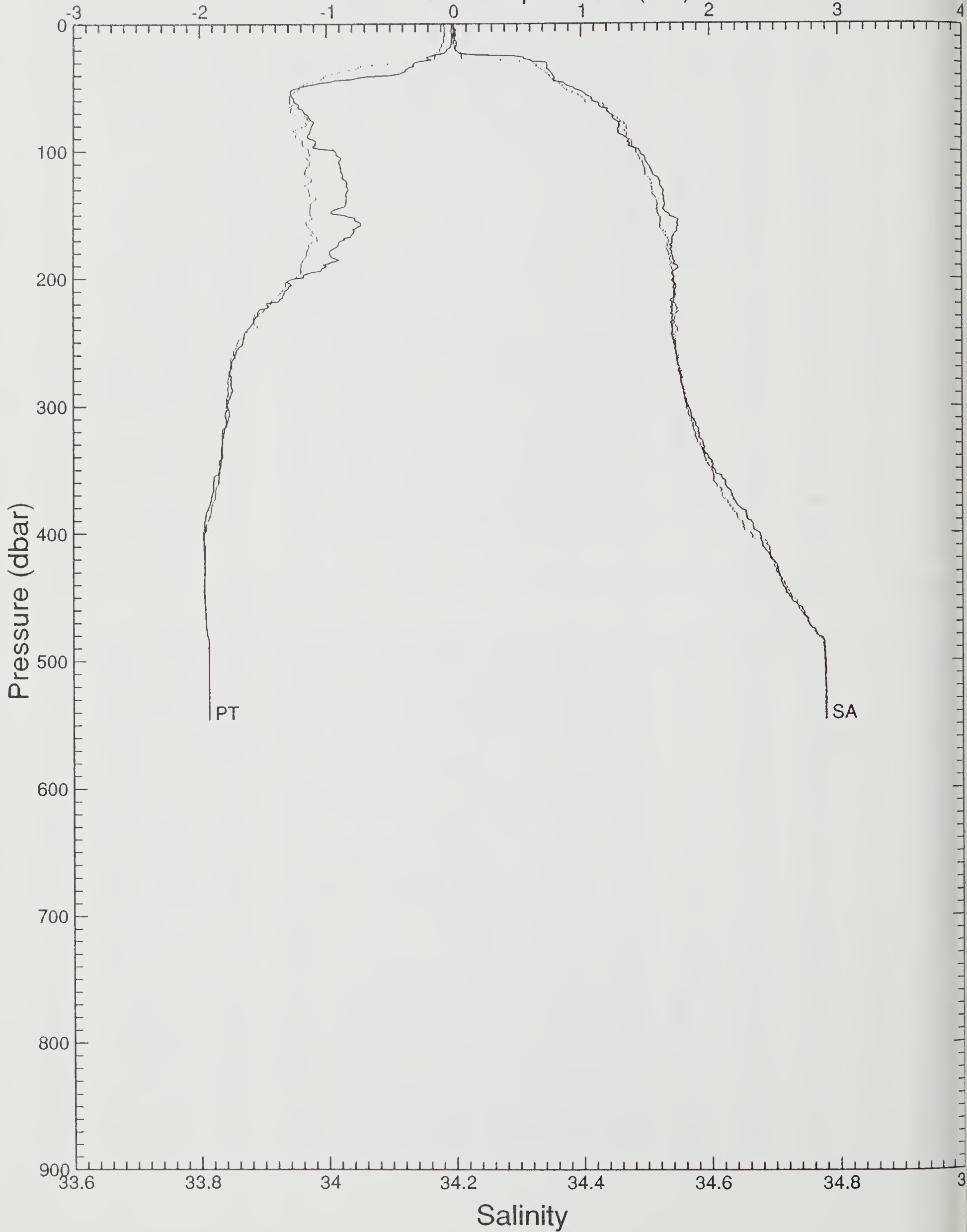


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WDIR	WINDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.610	-175.170	580	10	1006	300	3	4.		0055	30	JAN	1984	PS	84	1	58

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
58	1	0	0.138	0.138	2.02	2.02	34.296	27.531	29.899	32.241	36.845	54.5	0.000	1448.8	0
58	1	10	0.117	0.117	2.01	2.00	34.294	27.530	29.899	32.241	36.846	54.5	0.005	1448.9	9
58	1	20	0.079	0.078	1.98	1.96	34.299	27.536	29.906	32.248	36.854	54.0	0.011	1448.9	19
58	1	30	-0.672	-0.673	1.24	1.21	34.367	27.627	30.008	32.361	36.989	45.3	0.016	1445.7	29
58	1	40	-1.421	-1.422	0.50	0.47	34.415	27.694	30.086	32.451	37.101	38.8	0.020	1442.4	39
58	1	50	-1.524	-1.525	0.40	0.36	34.427	27.707	30.101	32.467	37.120	37.5	0.024	1442.0	49
58	1	60	-1.580	-1.581	0.35	0.31	34.433	27.714	30.108	32.475	37.130	36.8	0.028	1442.0	59
58	1	70	-1.578	-1.580	0.36	0.31	34.441	27.720	30.114	32.482	37.136	36.2	0.031	1442.1	69
58	1	80	-1.432	-1.434	0.52	0.46	34.464	27.734	30.126	32.491	37.141	34.8	0.035	1443.0	79
58	1	90	-1.350	-1.352	0.61	0.54	34.472	27.738	30.129	32.492	37.139	34.4	0.038	1443.6	89
58	1	100	-1.293	-1.295	0.68	0.60	34.483	27.745	30.135	32.497	37.143	33.7	0.042	1444.0	98
58	1	125	-1.360	-1.363	0.63	0.53	34.492	27.755	30.145	32.509	37.156	32.7	0.050	1444.1	123
58	1	150	-1.460	-1.464	0.55	0.43	34.498	27.763	30.155	32.520	37.171	31.8	0.058	1444.1	148
58	1	175	-1.046	-1.051	0.98	0.85	34.526	27.771	30.157	32.515	37.153	31.1	0.066	1446.5	173
58	1	200	-1.085	-1.090	0.96	0.81	34.533	27.778	30.165	32.524	37.162	30.3	0.074	1446.7	197
58	1	225	-1.619	-1.624	0.45	0.28	34.520	27.786	30.180	32.548	37.203	29.2	0.081	1444.6	222
58	1	250	-1.655	-1.661	0.43	0.24	34.527	27.793	30.188	32.556	37.212	28.4	0.088	1444.8	247
58	1	275	-1.812	-1.818	0.29	0.08	34.532	27.801	30.199	32.569	37.230	27.3	0.095	1444.5	271
58	1	300	-1.816	-1.823	0.31	0.08	34.542	27.809	30.207	32.578	37.238	26.4	0.102	1444.9	296
58	1	325	-1.838	-1.845	0.30	0.06	34.556	27.821	30.219	32.590	37.252	25.1	0.108	1445.2	321
58	1	350	-1.877	-1.885	0.28	0.02	34.576	27.839	30.237	32.609	37.271	23.3	0.114	1445.4	345
58	1	375	-1.977	-1.985	0.21	-0.08	34.625	27.881	30.281	32.654	37.319	19.0	0.120	1445.4	370
58	1	400	-2.126	-2.134	0.08	-0.22	34.652	27.907	30.309	32.684	37.353	16.3	0.124	1445.2	395
58	1	425	-2.089	-2.098	0.14	-0.19	34.683	27.931	30.332	32.707	37.375	13.9	0.128	1445.8	420
58	1	450	-2.005	-2.015	0.24	-0.10	34.709	27.950	30.350	32.723	37.388	12.1	0.131	1446.6	444
58	1	475	-1.965	-1.976	0.30	-0.06	34.730	27.966	30.366	32.738	37.402	10.5	0.134	1447.3	469
58	1	500	-1.948	-1.960	0.34	-0.04	34.751	27.983	30.382	32.754	37.417	8.8	0.136	1447.8	494
58	1	550	-1.910	-1.923	0.41	0.00	34.788	28.012	30.410	32.781	37.443	5.8	0.140	1448.8	543
58	1	574	-1.907	-1.921	0.44	0.00	34.790	28.014	30.412	32.783	37.445	5.6	0.141	1449.2	567

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WDIR	WINDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.608	-175.108	580	10	1006	300	3	3.		0123	30	JAN	1984	PS	84	2	58

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
58	2	0	0.140	0.140	2.02	2.02	34.300	27.534	29.902	32.244	36.848	54.2	0.000	1448.8	0
58	2	10	0.137	0.137	2.03	2.02	34.296	27.531	29.899	32.241	36.845	54.5	0.005	1449.0	9
58	2	20	0.108	0.107	2.00	1.99	34.293	27.530	29.899	32.241	36.846	54.6	0.011	1449.0	19
58	2	30	0.061	0.060	1.97	1.94	34.304	27.541	29.911	32.254	36.860	53.5	0.016	1449.0	29
58	2	40	-0.140	-0.141	1.77	1.74	34.328	27.571	29.943	32.289	36.901	50.6	0.022	1448.2	39
58	2	50	-1.050	-1.051	0.88	0.84	34.399	27.668	30.054	32.414	37.052	41.3	0.026	1444.3	49
58	2	60	-1.486	-1.487	0.45	0.40	34.424	27.704	30.096	32.462	37.114	37.8	0.030	1442.4	59
58	2	70	-1.553	-1.555	0.39	0.34	34.431	27.711	30.105	32.472	37.126	37.0	0.034	1442.2	69
58	2	80	-1.554	-1.556	0.40	0.34	34.446	27.724	30.117	32.484	37.138	35.8	0.037	1442.4	79
58	2	90	-1.417	-1.419	0.54	0.47	34.462	27.732	30.124	32.489	37.138	35.0	0.041	1443.3	89
58	2	100	-1.300	-1.302	0.67	0.59	34.477	27.741	30.130	32.493	37.139	34.2	0.044	1444.0	98
58	2	125	-1.343	-1.346	0.64	0.55	34.489	27.752	30.142	32.506	37.152	33.0	0.053	1444.2	123
58	2	150	-1.431	-1.435	0.57	0.46	34.497	27.761	30.153	32.518	37.167	32.0	0.061	1444.2	148
58	2	175	-1.137	-1.142	0.89	0.76	34.519	27.769	30.156	32.516	37.156	31.3	0.069	1446.0	173
58	2	200	-1.121	-1.126	0.92	0.77	34.532	27.779	30.166	32.525	37.165	30.2	0.077	1446.5	197
58	2	225	-1.300	-1.306	0.76	0.60	34.533	27.786	30.176	32.538	37.183	29.4	0.084	1446.1	222
58	2	250	-1.650	-1.656	0.43	0.25	34.529	27.794	30.189	32.557	37.213	28.2	0.091	1444.8	247
58	2	275	-1.804	-1.810	0.30	0.09	34.530	27.799	30.197	32.567	37.228	27.5	0.098	1444.5	271
58	2	300	-1.775	-1.782	0.35	0.12	34.543	27.809	30.206	32.576	37.236	26.5	0.105	1445.1	296
58	2	325	-1.837	-1.844	0.30	0.06	34.552	27.818	30.216	32.587	37.248	25.4	0.111	1445.2	321
58	2	350	-1.863	-1.871	0.30	0.04	34.569	27.833	30.231	32.602	37.264	23.9	0.118	1445.5	345
58	2	375	-1.944	-1.952	0.24	-0.04	34.613	27.871	30.270	32.642	37.306	20.1	0.123	1445.6	370
58	2	400	-2.054	-2.063	0.15	-0.15	34.648	27.902	30.303	32.677	37.344	16.9	0.128	1445.5	395
58	2	425	-2.123	-2.132	0.10	-0.22	34.672	27.923	30.325	32.700	37.369	14.6	0.132	1445.6	420
58	2	450	-2.009	-2.019	0.24	-0.10	34.703	27.945	30.345	32.718	37.384	12.5	0.135	1446.6	444
58	2	475	-1.967	-1.978	0.30	-0.06	34.729	27.966	30.365	32.737	37.401	10.5	0.138	1447.3	469
58	2	500	-1.949	-1.961	0.33	-0.04	34.749	27.981	30.380	32.752	37.416	8.9	0.140	1447.8	494
58	2	550	-1.911	-1.924	0.41	0.00	34.787	28.011	30.410	32.781	37.443	5.9	0.144	1448.8	543
58	2	574	-1.907	-1.921	0.44	0.00	34.787	28.011	30.409	32.780	37.442	5.8	0.145	1449.2	567

Potential Temperature ($^{\circ}\text{C}$)

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-76.545 -176.543 549 7 1005 310 6 1. 0336 30 JAN 1984 PS 84 1 59

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
59	1	0	-0.009	-0.009	1.87	1.87	34.197	27.458	29.830	32.174	36.783	61.3	0.000	1448.0	0
59	1	10	-0.016	-0.016	1.87	1.86	34.202	27.463	29.834	32.179	36.788	60.9	0.006	1448.2	9
59	1	20	-0.054	-0.055	1.84	1.82	34.203	27.466	29.837	32.182	36.793	60.6	0.012	1448.1	19
59	1	30	-0.300	-0.301	1.61	1.58	34.345	27.592	29.967	32.315	36.932	48.6	0.018	1447.4	29
59	1	40	-0.487	-0.488	1.43	1.40	34.356	27.610	29.988	32.339	36.961	46.9	0.022	1446.7	39
59	1	50	-1.225	-1.226	0.70	0.66	34.389	27.666	30.055	32.417	37.061	41.4	0.027	1443.4	49
59	1	60	-1.254	-1.255	0.68	0.64	34.418	27.691	30.080	32.443	37.087	39.0	0.031	1443.5	59
59	1	70	-1.169	-1.171	0.77	0.72	34.443	27.708	30.096	32.457	37.099	37.4	0.035	1444.1	69
59	1	80	-1.114	-1.116	0.84	0.78	34.460	27.720	30.107	32.467	37.107	36.2	0.038	1444.5	79
59	1	90	-1.131	-1.133	0.83	0.76	34.471	27.730	30.117	32.477	37.117	35.3	0.042	1444.6	89
59	1	100	-0.928	-0.931	1.04	0.96	34.491	27.738	30.122	32.479	37.113	34.5	0.045	1445.8	98
59	1	125	-0.829	-0.833	1.16	1.07	34.523	27.760	30.142	32.498	37.129	32.4	0.054	1446.7	123
59	1	150	-0.852	-0.856	1.16	1.04	34.539	27.774	30.157	32.512	37.144	31.0	0.062	1447.0	148
59	1	175	-0.917	-0.922	1.11	0.98	34.542	27.779	30.163	32.519	37.153	30.4	0.069	1447.1	173
59	1	200	-1.255	-1.260	0.79	0.64	34.544	27.793	30.182	32.544	37.188	28.8	0.077	1445.9	197
59	1	225	-1.525	-1.530	0.54	0.37	34.541	27.800	30.193	32.559	37.211	27.9	0.084	1445.0	222
59	1	250	-1.652	-1.658	0.43	0.24	34.545	27.807	30.202	32.570	37.226	27.0	0.091	1444.8	247
59	1	275	-1.756	-1.762	0.35	0.14	34.554	27.817	30.214	32.584	37.243	25.8	0.097	1444.8	271
59	1	300	-1.773	-1.780	0.35	0.13	34.568	27.829	30.226	32.596	37.255	24.5	0.104	1445.1	296
59	1	325	-1.806	-1.813	0.34	0.09	34.583	27.842	30.240	32.610	37.270	23.1	0.110	1445.4	321
59	1	350	-1.837	-1.845	0.33	0.06	34.607	27.863	30.260	32.631	37.292	21.1	0.115	1445.7	345
59	1	375	-1.908	-1.916	0.28	-0.01	34.639	27.891	30.289	32.661	37.324	18.2	0.120	1445.8	370
59	1	400	-1.962	-1.971	0.24	-0.06	34.676	27.922	30.322	32.694	37.358	15.0	0.124	1446.0	395
59	1	425	-1.952	-1.962	0.27	-0.05	34.705	27.946	30.345	32.717	37.381	12.7	0.128	1446.5	420
59	1	450	-1.955	-1.965	0.29	-0.05	34.723	27.960	30.359	32.732	37.395	11.2	0.131	1446.9	444
59	1	475	-1.938	-1.949	0.33	-0.03	34.759	27.989	30.388	32.760	37.422	8.4	0.133	1447.4	469
59	1	500	-1.917	-1.929	0.37	-0.01	34.780	28.006	30.404	32.775	37.437	6.7	0.135	1448.0	494
59	1	546	-1.914	-1.927	0.41	0.00	34.780	28.006	30.404	32.775	37.437	6.5	0.138	1448.7	539

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
59		3	-0.072	-0.072	34.198	27.462	8.87									2.29	12	3
59		31	-0.517	-0.518	34.292	27.560	8.02										11	30
59		63	-1.267	-1.269	34.410	27.685											10	62
59	4	105	-1.151	-1.154	34.490	27.746	5.21								2.50	1.33	9	104
59	4	153	-1.111	-1.115	34.528	27.775	5.54								2.35	1.19	8	152
59		205	-1.312	-1.317	34.543	27.795	5.86										7	203
59		253	-1.696	-1.702	34.548	27.811									2.74	1.55	6	251
59		306	-1.758	-1.765	34.566	27.827											5	303
59		406	-1.957	-1.966	34.686	27.930									2.54	1.26	3	402
59		408	-1.952	-1.961	34.678	27.924	6.17										4	404
59		504	-1.916	-1.928	34.780	28.006	6.38								2.50	1.37	2	498
59		547	-1.915	-1.928	34.783	28.008	6.36										1	541

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-76.555 -176.535 549 7 1005 320 6 1. 0420 30 JAN 1984 PS 84 2 59

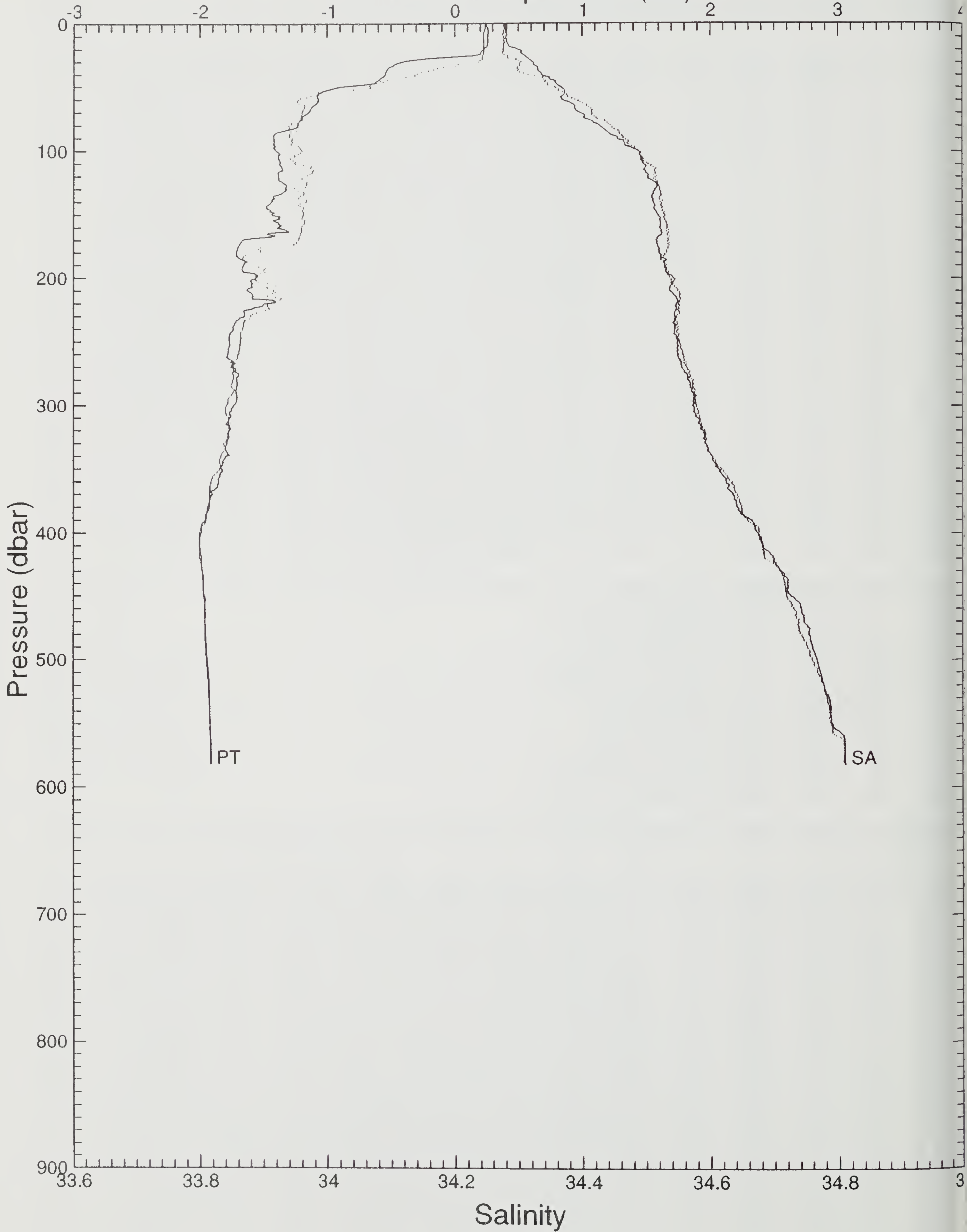
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
59	2	0	-0.074	-0.074	1.80	1.80	34.200	27.464	29.836	32.182	36.793	60.8	0.000	1447.7	0
59	2	10	-0.074	-0.074	1.81	1.80	34.198	27.463	29.835	32.180	36.791	60.9	0.006	1447.9	9
59	2	20	-0.106	-0.107	1.79	1.77	34.203	27.468	29.841	32.187	36.799	60.4	0.012	1447.9	19
59	2	30	-0.371	-0.372	1.53	1.51	34.325	27.580	29.956	32.305	36.924	49.8	0.018	1447.0	29
59	2	40	-1.003	-1.004	0.91	0.88	34.350	27.627	30.012	32.371	37.009	45.2	0.022	1444.3	39
59	2	50	-1.212	-1.213	0.71	0.67	34.373	27.653	30.042	32.404	37.047	42.7	0.027	1443.5	49
59	2	60	-1.287	-1.288	0.65	0.60	34.407	27.683	30.073	32.436	37.082	39.8	0.031	1443.3	59
59	2	70	-1.261	-1.263	0.68	0.63	34.444	27.712	30.102	32.464	37.109	37.0	0.035	1443.6	69
59	2	80	-1.163	-1.165	0.79	0.73	34.471	27.731	30.118	32.479	37.121	35.2	0.038	1444.3	79
59	2	90	-1.207	-1.209	0.75	0.68	34.471	27.732	30.121	32.482	37.125	35.0	0.042	1444.3	89
59	2	100	-1.135	-1.138	0.83	0.76	34.486	27.742	30.129	32.489	37.130	34.1	0.045	1444.8	98
59	2	125	-1.139	-1.142	0.85	0.75	34.511	27.762	30.150	32.510	37.150	32.1	0.054	1445.2	123
59	2	150	-1.122	-1.126	0.89	0.77	34.521	27.770	30.157	32.517	37.156	31.3	0.062	1445.7	148
59	2	175	-1.130	-1.135	0.90	0.77	34.535	27.782	30.168	32.528	37.168	30.1	0.069	1446.1	173
59	2	200	-1.239	-1.244	0.81	0.66	34.544	27.793	30.181	32.543	37.186	28.9	0.077	1446.0	197
59	2	225	-1.486	-1.491	0.58	0.41	34.549	27.805	30.198	32.563	37.214	27.4	0.084	1445.2	222
59	2	250	-1.693	-1.699	0.39	0.20	34.548	27.811	30.206	32.575	37.232	26.6	0.090	1444.7	247
59	2	275	-1.762	-1.768	0.34	0.14	34.555	27.818	30.215	32.585	37.244	25.7	0.097	1444.7	271
59	2	300	-1.783	-1.790	0.34	0.11	34.564	27.826	30.223	32.593	37.253	24.8	0.103	1445.1	296
59	2	325	-1.816	-1.823	0.33	0.08	34.578	27.839	30.236	32.607	37.267	23.5	0.109	1445.3	321

PS_84 60

76 29 S

177 59 W

Potential Temperature (°C)



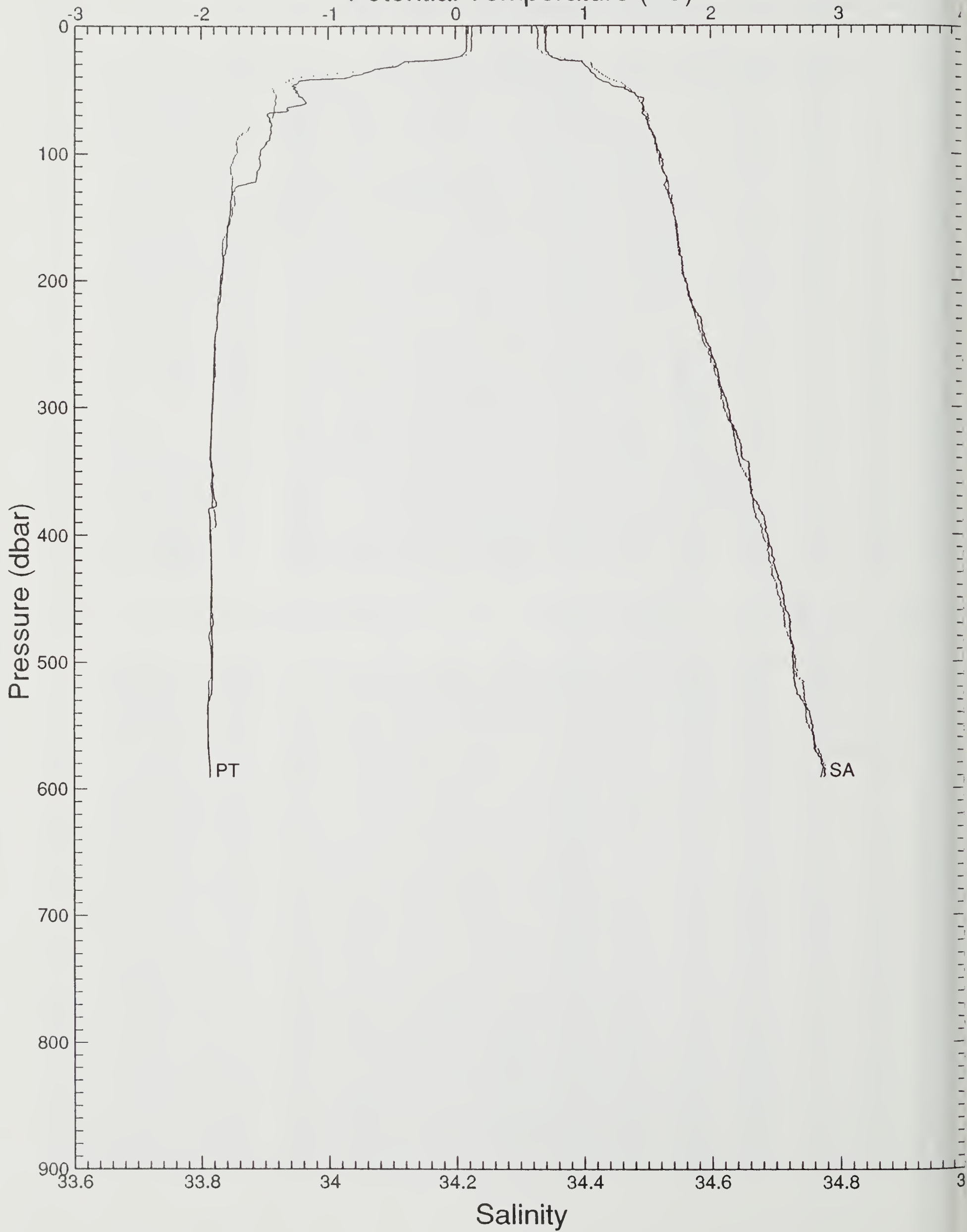
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.488	-177.975	581	3	1005	180	9	-1.		0642	30	JAN	1984	PS	84	1	60

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
60	1	0	0.248	0.248	2.13	2.13	34.282	27.513	29.880	32.220	36.822	56.1	0.000	1449.3	0
60	1	10	0.262	0.262	2.15	2.14	34.281	27.512	29.878	32.219	36.819	56.3	0.006	1449.5	9
60	1	20	0.229	0.228	2.13	2.11	34.299	27.528	29.895	32.236	36.837	54.7	0.011	1449.6	19
60	1	30	-0.423	-0.424	1.48	1.46	34.322	27.580	29.956	32.307	36.927	49.8	0.016	1446.8	29
60	1	40	-0.547	-0.548	1.37	1.34	34.336	27.597	29.975	32.327	36.951	48.2	0.021	1446.4	39
60	1	50	-0.901	-0.902	1.02	0.98	34.366	27.636	30.020	32.377	37.011	44.4	0.026	1444.9	49
60	1	60	-1.069	-1.071	0.86	0.82	34.368	27.644	30.030	32.390	37.030	43.5	0.030	1444.3	59
60	1	70	-1.147	-1.149	0.79	0.74	34.396	27.669	30.057	32.418	37.059	41.1	0.035	1444.1	69
60	1	80	-1.233	-1.235	0.72	0.66	34.427	27.698	30.087	32.448	37.092	38.3	0.039	1443.9	79
60	1	90	-1.417	-1.419	0.54	0.47	34.455	27.727	30.118	32.483	37.132	35.5	0.042	1443.2	89
60	1	100	-1.390	-1.392	0.58	0.50	34.488	27.753	30.144	32.508	37.156	33.0	0.046	1443.6	98
60	1	125	-1.340	-1.343	0.65	0.55	34.516	27.774	30.164	32.527	37.173	30.9	0.054	1444.3	123
60	1	150	-1.425	-1.429	0.58	0.47	34.520	27.780	30.171	32.536	37.185	30.2	0.061	1444.3	148
60	1	175	-1.694	-1.698	0.33	0.20	34.519	27.787	30.183	32.552	37.209	29.3	0.069	1443.4	173
60	1	200	-1.552	-1.557	0.50	0.34	34.543	27.802	30.196	32.562	37.215	27.8	0.076	1444.5	197
60	1	225	-1.643	-1.648	0.42	0.25	34.548	27.809	30.204	32.572	37.227	26.9	0.083	1444.5	222
60	1	250	-1.760	-1.766	0.32	0.14	34.550	27.814	30.211	32.581	37.240	26.2	0.089	1444.3	247
60	1	275	-1.687	-1.693	0.42	0.21	34.564	27.824	30.219	32.588	37.244	25.3	0.096	1445.1	271
60	1	300	-1.729	-1.736	0.40	0.17	34.573	27.832	30.228	32.597	37.255	24.3	0.102	1445.3	296
60	1	325	-1.765	-1.772	0.38	0.13	34.591	27.848	30.244	32.614	37.273	22.7	0.108	1445.6	321
60	1	350	-1.819	-1.827	0.35	0.08	34.613	27.867	30.265	32.635	37.295	20.7	0.113	1445.8	345
60	1	375	-1.914	-1.922	0.27	-0.01	34.642	27.893	30.292	32.664	37.327	18.0	0.118	1445.8	370
60	1	400	-1.980	-1.989	0.23	-0.08	34.675	27.922	30.322	32.694	37.359	15.1	0.122	1445.9	395
60	1	425	-1.976	-1.985	0.25	-0.07	34.703	27.945	30.344	32.717	37.381	12.8	0.126	1446.4	420
60	1	450	-1.953	-1.963	0.29	-0.05	34.726	27.963	30.362	32.734	37.397	11.0	0.129	1446.9	444
60	1	475	-1.943	-1.954	0.32	-0.04	34.756	27.987	30.386	32.757	37.420	8.6	0.131	1447.4	469
60	1	500	-1.929	-1.941	0.36	-0.02	34.767	27.996	30.394	32.766	37.428	7.6	0.133	1447.9	494
60	1	550	-1.906	-1.919	0.42	0.00	34.791	28.015	30.413	32.784	37.445	5.6	0.136	1448.9	543
60	1	582	-1.899	-1.913	0.45	0.01	34.811	28.031	30.428	32.799	37.461	4.0	0.138	1449.4	574

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.487	-178.027	581		1005	180	9	2.		0715	30	JAN	1984	PS	84	2	60

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
60	2	0	0.242	0.242	2.12	2.12	34.278	27.510	29.877	32.218	36.819	56.4	0.000	1449.3	0
60	2	10	0.227	0.227	2.11	2.11	34.277	27.510	29.878	32.218	36.820	56.4	0.006	1449.4	9
60	2	20	0.231	0.230	2.13	2.11	34.276	27.509	29.877	32.217	36.819	56.5	0.011	1449.6	19
60	2	30	0.189	0.188	2.09	2.07	34.304	27.534	29.902	32.243	36.846	54.1	0.017	1449.6	29
60	2	40	-0.309	-0.310	1.60	1.57	34.315	27.569	29.944	32.292	36.909	50.8	0.022	1447.4	39
60	2	50	-0.661	-0.662	1.26	1.22	34.356	27.618	29.998	32.352	36.979	46.1	0.027	1446.0	49
60	2	60	-1.228	-1.229	0.70	0.66	34.389	27.667	30.056	32.418	37.062	41.4	0.031	1443.6	59
60	2	70	-1.195	-1.197	0.75	0.69	34.415	27.687	30.075	32.436	37.079	39.4	0.035	1443.9	69
60	2	80	-1.301	-1.303	0.65	0.59	34.444	27.714	30.104	32.467	37.112	36.8	0.039	1443.6	79
60	2	90	-1.273	-1.275	0.69	0.62	34.464	27.729	30.118	32.481	37.126	35.3	0.043	1443.9	89
60	2	100	-1.194	-1.197	0.77	0.70	34.488	27.746	30.134	32.495	37.137	33.7	0.046	1444.5	98
60	2	125	-1.158	-1.161	0.83	0.74	34.518	27.769	30.156	32.517	37.157	31.5	0.054	1445.1	123
60	2	150	-1.185	-1.189	0.82	0.71	34.530	27.780	30.167	32.528	37.170	30.3	0.062	1445.4	148
60	2	175	-1.442	-1.446	0.59	0.45	34.535	27.792	30.184	32.549	37.198	28.9	0.070	1444.6	173
60	2	200	-1.559	-1.564	0.49	0.34	34.537	27.798	30.191	32.558	37.211	28.2	0.077	1444.5	197
60	2	225	-1.475	-1.480	0.59	0.42	34.550	27.806	30.198	32.563	37.213	27.4	0.084	1445.3	222
60	2	250	-1.677	-1.683	0.41	0.22	34.553	27.814	30.210	32.578	37.235	26.3	0.090	1444.7	247
60	2	275	-1.736	-1.742	0.37	0.16	34.567	27.827	30.224	32.593	37.251	24.9	0.097	1444.9	271
60	2	300	-1.784	-1.791	0.34	0.11	34.579	27.839	30.236	32.605	37.265	23.7	0.103	1445.1	296
60	2	325	-1.774	-1.781	0.37	0.13	34.592	27.849	30.246	32.615	37.275	22.6	0.109	1445.5	321
60	2	350	-1.836	-1.844	0.33	0.06	34.618	27.872	30.269	32.640	37.301	20.2	0.114	1445.7	345
60	2	375	-1.915	-1.923	0.27	-0.01	34.646	27.897	30.295	32.667	37.330	17.7	0.119	1445.8	370
60	2	400	-1.993	-2.002	0.21	-0.09	34.675	27.922	30.322	32.695	37.360	15.0	0.123	1445.8	395
60	2	425	-1.977	-1.986	0.25	-0.07	34.703	27.945	30.344	32.717	37.381	12.8	0.126	1446.4	420
60	2	450	-1.959	-1.969	0.29	-0.05	34.719	27.957	30.356	32.729	37.392	11.5	0.129	1446.9	444
60	2	475	-1.947	-1.958	0.32	-0.04	34.738	27.972	30.371	32.743	37.407	9.9	0.132	1447.4	469
60	2	500	-1.937	-1.949	0.35	-0.03	34.759	27.989	30.388	32.760	37.422	8.2	0.134	1447.8	494
60	2	550	-1.907	-1.920	0.42	0.00	34.789	28.013	30.411	32.782	37.444	5.8	0.138	1448.9	543
60	2	580	-1.899	-1.913	0.45	0.01	34.808	28.028	30.426	32.797	37.458	4.2	0.139	1449.4	572

Potential Temperature (°C)



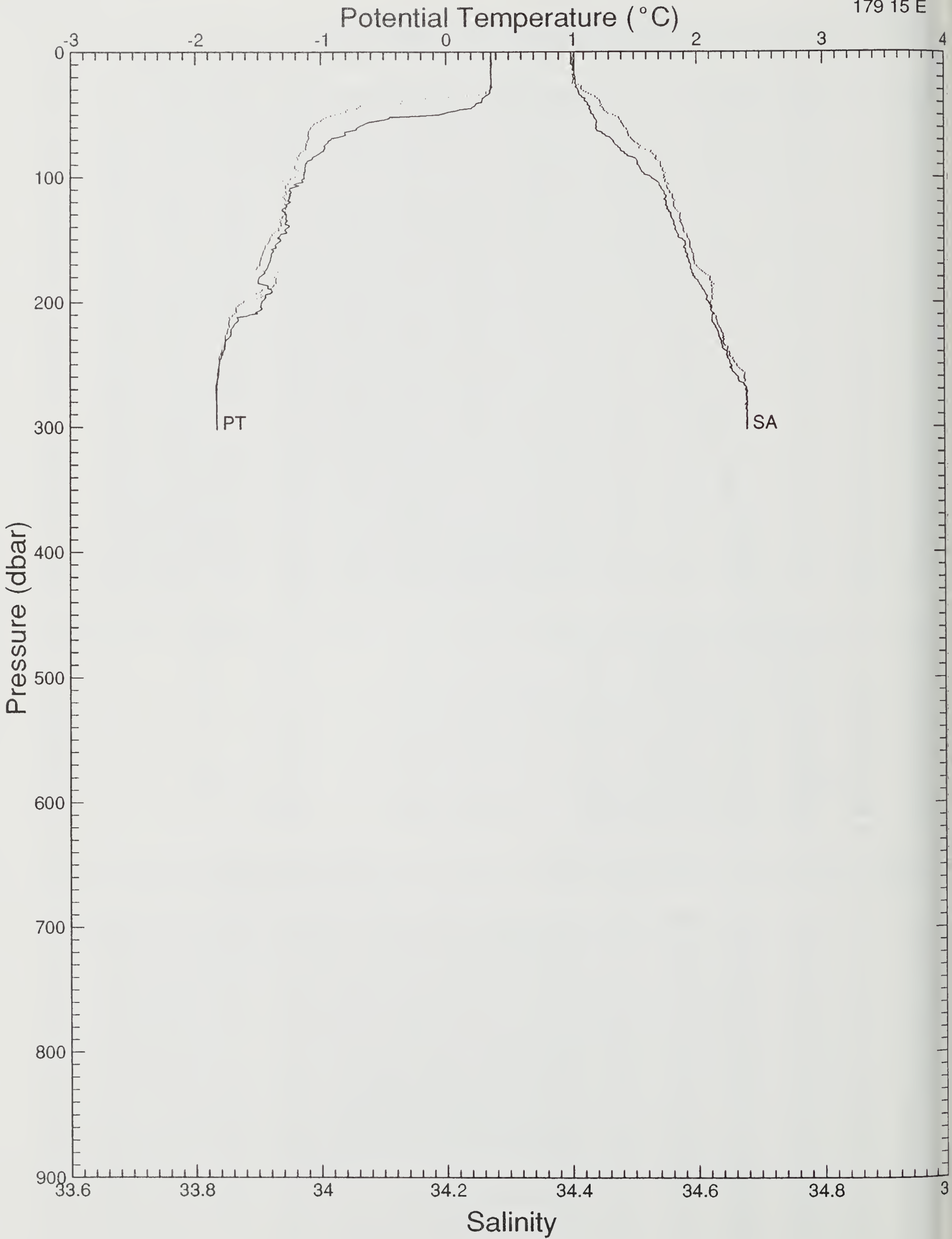
LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-76.442 -179.462 590 3 1006 190 8 -2. 0924 30 JAN 1984 PS 84 1 61

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
61	1	0	0.085	0.085	1.97	1.97	34.345	27.573	29.942	32.284	36.890	50.5	0.000	1448.7	0
61	1	10	0.087	0.087	1.98	1.97	34.341	27.570	29.939	32.281	36.887	50.8	0.005	1448.8	9
61	1	20	0.087	0.086	1.99	1.97	34.342	27.571	29.940	32.282	36.887	50.7	0.010	1449.0	19
61	1	30	-0.433	-0.434	1.48	1.45	34.402	27.645	30.021	32.371	36.991	43.6	0.015	1446.8	29
61	1	40	-0.829	-0.830	1.09	1.06	34.420	27.677	30.059	32.415	37.047	40.5	0.019	1445.2	39
61	1	50	-1.260	-1.261	0.67	0.63	34.466	27.730	30.119	32.482	37.126	35.4	0.023	1443.4	49
61	1	60	-1.168	-1.170	0.77	0.73	34.495	27.750	30.138	32.499	37.140	33.4	0.026	1444.0	59
61	1	70	-1.478	-1.480	0.47	0.42	34.495	27.761	30.153	32.519	37.170	32.3	0.030	1442.7	69
61	1	80	-1.450	-1.452	0.50	0.44	34.504	27.767	30.159	32.524	37.174	31.7	0.033	1443.0	79
61	1	90	-1.473	-1.475	0.49	0.42	34.514	27.776	30.169	32.534	37.184	30.8	0.036	1443.1	89
61	1	100	-1.531	-1.533	0.44	0.36	34.521	27.784	30.177	32.543	37.195	30.0	0.039	1443.0	98
61	1	125	-1.701	-1.704	0.29	0.19	34.527	27.794	30.190	32.558	37.216	28.9	0.046	1442.6	123
61	1	150	-1.774	-1.777	0.23	0.12	34.545	27.811	30.207	32.577	37.237	27.1	0.053	1442.6	148
61	1	175	-1.797	-1.801	0.23	0.10	34.553	27.818	30.215	32.585	37.245	26.3	0.060	1442.9	173
61	1	200	-1.841	-1.845	0.21	0.06	34.561	27.825	30.223	32.594	37.256	25.4	0.067	1443.1	197
61	1	225	-1.862	-1.867	0.21	0.04	34.577	27.839	30.237	32.608	37.270	24.0	0.073	1443.5	222
61	1	250	-1.886	-1.891	0.20	0.01	34.596	27.855	30.254	32.625	37.288	22.3	0.078	1443.8	247
61	1	275	-1.891	-1.897	0.22	0.01	34.612	27.868	30.267	32.638	37.301	20.9	0.084	1444.2	271
61	1	300	-1.904	-1.910	0.22	0.00	34.626	27.880	30.279	32.650	37.313	19.7	0.089	1444.6	296
61	1	325	-1.913	-1.920	0.23	-0.01	34.642	27.893	30.292	32.664	37.327	18.3	0.094	1444.9	321
61	1	350	-1.904	-1.912	0.26	0.00	34.660	27.908	30.306	32.678	37.340	16.8	0.098	1445.4	345
61	1	375	-1.872	-1.880	0.31	0.03	34.672	27.917	30.315	32.686	37.347	15.8	0.102	1446.0	370
61	1	400	-1.914	-1.923	0.29	-0.01	34.688	27.931	30.329	32.701	37.364	14.3	0.106	1446.2	395
61	1	425	-1.908	-1.918	0.32	0.00	34.699	27.940	30.338	32.709	37.372	13.3	0.109	1446.7	420
61	1	450	-1.912	-1.922	0.33	-0.01	34.713	27.951	30.350	32.721	37.383	12.1	0.113	1447.1	444
61	1	475	-1.904	-1.915	0.36	0.00	34.723	27.959	30.357	32.729	37.391	11.2	0.115	1447.6	469
61	1	500	-1.900	-1.912	0.38	0.01	34.728	27.963	30.361	32.732	37.394	10.7	0.118	1448.0	494
61	1	550	-1.932	-1.945	0.39	-0.02	34.758	27.988	30.387	32.759	37.421	8.0	0.123	1448.7	543
61	1	591	-1.916	-1.931	0.44	-0.01	34.775	28.002	30.400	32.771	37.434	6.6	0.126	1449.5	583

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
61	1	3	0.127	0.127	34.329	27.558	8.75										11	3
61		3	0.127	0.127	34.327	27.556		9.5	1.03	68.6			2047				12	3
61	1	106	-1.747	-1.749	34.520	27.789	6.43										9	105
61		108	-1.758	-1.760	34.526	27.795		29.4	2.06	74.8			2213				10	106
61	1	283	-1.892	-1.898	34.612	27.868	6.54										7	280
61		285	-1.893	-1.899	34.617	27.872		30.3	2.07	74.7			2216				8	282
61	1	407	-1.912	-1.921	34.688	27.931	6.52										5	403
61		408	-1.912	-1.921	34.685	27.928		30.4	2.08	76.5			2224				6	404
61	1	508	-1.905	-1.917	34.731	27.966	6.31										3	502
61		508	-1.905	-1.917	34.735	27.969		30.9	2.11	80.0			2232				4	502
61		584	-1.918	-1.932	34.768	27.996		30.7	2.10	79.2			2233				2	577
61	1	585	-1.918	-1.932	34.773	28.000	6.45										1	578

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-76.443 -179.488 590 3 1006 230 7 -2. 1019 30 JAN 1984 PS 84 2 61

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
61	2	0	0.130	0.130	2.01	2.01	34.327	27.556	29.925	32.266	36.871	52.1	0.000	1448.8	0
61	2	10	0.123	0.123	2.01	2.01	34.329	27.558	29.927	32.269	36.873	51.9	0.005	1449.0	9
61	2	20	0.124	0.123	2.02	2.01	34.335	27.563	29.931	32.273	36.878	51.4	0.010	1449.1	19
61	2	30	-0.427	-0.428	1.48	1.46	34.414	27.654	30.031	32.380	37.000	42.7	0.015	1446.9	29
61	2	40	-1.209	-1.210	0.71	0.68	34.436	27.704	30.092	32.454	37.097	37.9	0.019	1443.4	39
61	2	50	-1.428	-1.429	0.50	0.46	34.474	27.742	30.134	32.499	37.148	34.2	0.023	1442.6	49
61	2	60	-1.412	-1.413	0.53	0.48	34.489	27.754	30.145	32.510	37.159	33.1	0.026	1442.8	59
61	2	70	-1.430	-1.432	0.52	0.46	34.502	27.765	30.157	32.521	37.171	32.0	0.029	1442.9	69
61	2	80	-1.623	-1.625	0.33	0.27	34.504	27.773	30.167	32.535	37.190	31.1	0.033	1442.2	79
61	2	90	-1.720	-1.722	0.24	0.17	34.513	27.783	30.179	32.548	37.206	30.1	0.036	1441.9	89
61	2	100	-1.721	-1.723	0.25	0.17	34.517	27.786	30.182	32.552	37.210	29.7	0.039	1442.0	98
61	2	125	-1.751	-1.754	0.24	0.15	34.535	27.802	30.198	32.568	37.227	28.1	0.046	1442.3	123
61	2	150	-1.759	-1.762	0.25	0.14	34.544	27.809	30.206	32.576	37.235	27.3	0.053	1442.7	148
61	2	175	-1.825	-1.829	0.20	0.07	34.549	27.815	30.213	32.584	37.245	26.5	0.059	1442.8	173
61	2	200	-1.829	-1.833	0.22	0.07	34.560	27.824	30.222	32.593	37.254	25.5	0.066	1443.2	197
61	2	225	-1.862	-1.867	0.21	0.04	34.575	27.837	30.236	32.607	37.269	24.1	0.072	1443.5	222
61	2	250	-1.881	-1.886	0.21	0.02	34.590	27.850	30.249	32.620	37.282	22.8	0.078	1443.8	247
61	2	275	-1.880	-1.886	0.23	0.02	34.608	27.865	30.263	32.634	37.297	21.3	0.084	1444.2	271
61	2	300	-1.899	-1.905	0.23	0.00	34.620	27.875	30.274	32.645	37.308	20.1	0.089	1444.6	296

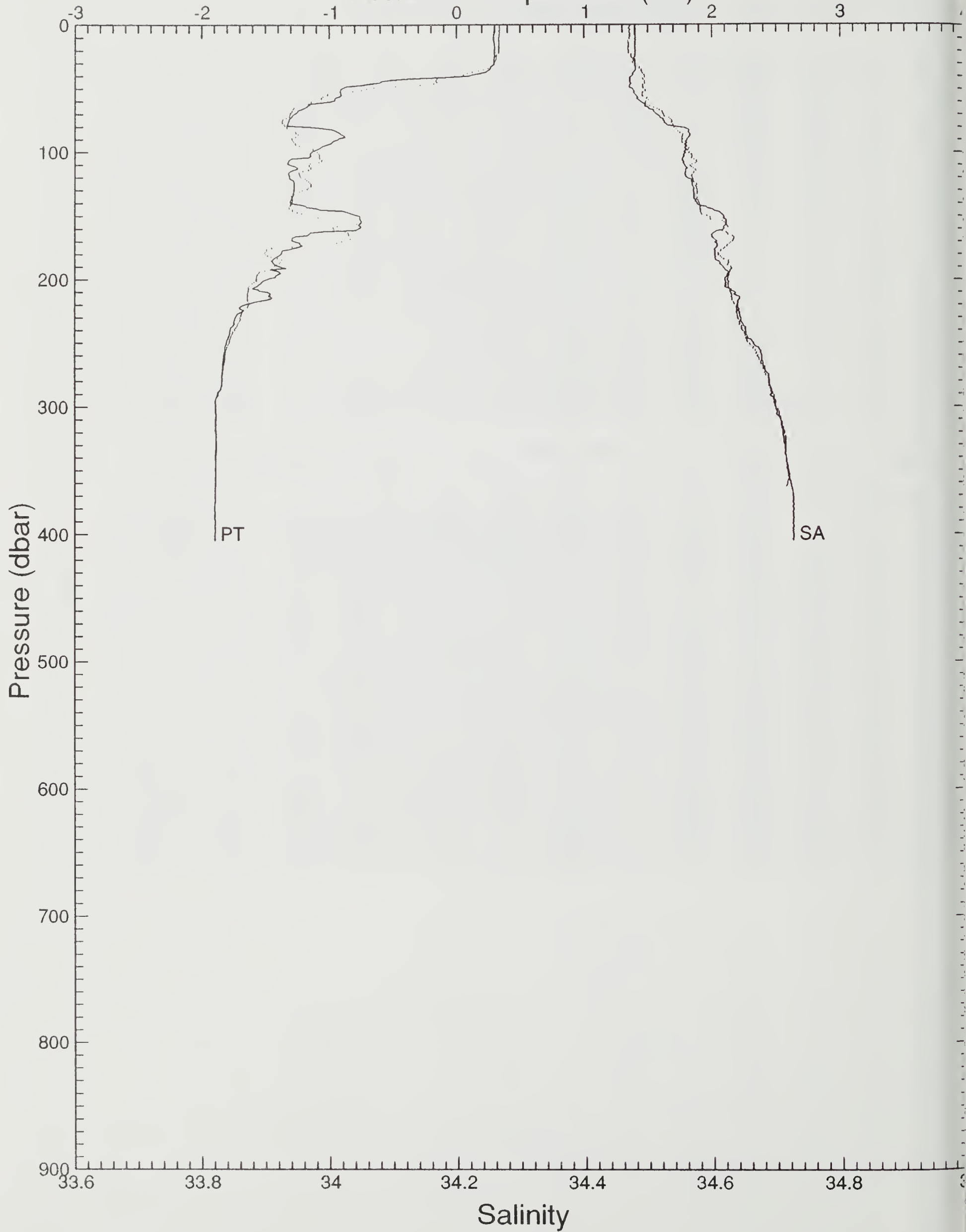


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.342	179.248	306	6	1005	240	3	-2.		1203	30	JAN	1984	PS	84	1	62

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
62	1	0	0.360	0.360	2.25	2.25	34.405	27.606	29.971	32.309	36.906	47.3	0.000	1450.0	0
62	1	10	0.360	0.360	2.26	2.25	34.405	27.606	29.971	32.309	36.906	47.3	0.005	1450.2	9
62	1	20	0.359	0.358	2.26	2.25	34.407	27.608	29.973	32.311	36.908	47.2	0.009	1450.3	19
62	1	30	0.359	0.358	2.27	2.25	34.411	27.611	29.976	32.314	36.911	46.9	0.014	1450.5	29
62	1	40	0.288	0.286	2.21	2.18	34.426	27.627	29.993	32.332	36.931	45.3	0.019	1450.3	39
62	1	50	-0.051	-0.053	1.88	1.84	34.436	27.654	30.024	32.368	36.977	42.8	0.023	1449.0	49
62	1	60	-0.697	-0.699	1.24	1.19	34.441	27.688	30.069	32.422	37.050	39.4	0.027	1446.1	59
62	1	70	-0.915	-0.917	1.03	0.98	34.466	27.717	30.101	32.458	37.092	36.6	0.031	1445.3	69
62	1	80	-0.994	-0.996	0.96	0.90	34.486	27.737	30.122	32.480	37.116	34.7	0.035	1445.1	79
62	1	90	-1.116	-1.118	0.85	0.78	34.506	27.758	30.144	32.504	37.144	32.7	0.038	1444.7	89
62	1	100	-1.125	-1.128	0.85	0.77	34.528	27.776	30.162	32.522	37.162	30.9	0.041	1444.9	98
62	1	125	-1.284	-1.287	0.71	0.61	34.554	27.803	30.192	32.554	37.198	28.2	0.049	1444.6	123
62	1	150	-1.310	-1.314	0.70	0.59	34.578	27.823	30.212	32.575	37.220	26.2	0.055	1444.9	148
62	1	175	-1.432	-1.436	0.60	0.47	34.593	27.839	30.230	32.595	37.243	24.5	0.062	1444.7	173
62	1	200	-1.457	-1.462	0.59	0.44	34.620	27.862	30.254	32.618	37.267	22.2	0.068	1445.1	197
62	1	225	-1.703	-1.708	0.37	0.20	34.635	27.882	30.277	32.646	37.302	20.1	0.073	1444.3	222
62	1	250	-1.798	-1.804	0.29	0.10	34.654	27.900	30.297	32.667	37.326	18.2	0.078	1444.3	247
62	1	275	-1.821	-1.827	0.29	0.08	34.679	27.921	30.318	32.688	37.348	16.0	0.082	1444.6	271
62	1	300	-1.816	-1.823	0.31	0.09	34.680	27.922	30.319	32.689	37.348	15.8	0.086	1445.1	296
62	1	302	-1.815	-1.822	0.32	0.09	34.680	27.922	30.319	32.689	37.348	15.8	0.086	1445.1	298

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.335	179.200	306	6	1005	240	3	-2.		1220	30	JAN	1984	PS	84	2	62

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
62	2	0	0.359	0.359	2.25	2.25	34.406	27.607	29.972	32.310	36.907	47.3	0.000	1450.0	0
62	2	10	0.367	0.367	2.26	2.25	34.403	27.604	29.969	32.307	36.904	47.5	0.005	1450.2	9
62	2	20	0.361	0.360	2.26	2.25	34.403	27.605	29.969	32.307	36.904	47.5	0.009	1450.3	19
62	2	30	0.354	0.353	2.27	2.24	34.417	27.616	29.981	32.319	36.916	46.4	0.014	1450.5	29
62	2	40	-0.388	-0.389	1.53	1.50	34.447	27.679	30.055	32.404	37.022	40.4	0.019	1447.3	39
62	2	50	-0.880	-0.881	1.05	1.01	34.467	27.717	30.100	32.456	37.089	36.7	0.022	1445.2	49
62	2	60	-1.072	-1.074	0.87	0.82	34.485	27.739	30.125	32.484	37.123	34.6	0.026	1444.4	59
62	2	70	-1.095	-1.097	0.85	0.80	34.498	27.750	30.137	32.496	37.135	33.4	0.029	1444.5	69
62	2	80	-1.152	-1.154	0.80	0.74	34.527	27.776	30.163	32.523	37.164	31.0	0.033	1444.4	79
62	2	90	-1.097	-1.099	0.87	0.80	34.543	27.787	30.173	32.532	37.171	29.9	0.036	1444.9	89
62	2	100	-1.195	-1.198	0.78	0.70	34.550	27.796	30.184	32.545	37.186	29.0	0.039	1444.6	98
62	2	125	-1.272	-1.275	0.72	0.63	34.566	27.812	30.201	32.563	37.207	27.4	0.046	1444.7	123
62	2	150	-1.395	-1.399	0.62	0.50	34.588	27.834	30.225	32.588	37.236	25.1	0.052	1444.5	148
62	2	175	-1.447	-1.451	0.58	0.45	34.608	27.852	30.243	32.608	37.257	23.3	0.058	1444.7	173
62	2	200	-1.602	-1.607	0.45	0.30	34.623	27.869	30.263	32.630	37.283	21.5	0.064	1444.4	197
62	2	225	-1.737	-1.742	0.33	0.16	34.642	27.888	30.284	32.653	37.311	19.4	0.069	1444.2	222
62	2	250	-1.796	-1.802	0.30	0.11	34.664	27.908	30.305	32.674	37.334	17.4	0.074	1444.3	247
62	2	275	-1.817	-1.823	0.29	0.09	34.679	27.921	30.318	32.688	37.348	16.0	0.078	1444.6	271
62	2	300	-1.816	-1.823	0.31	0.09	34.680	27.922	30.319	32.689	37.348	15.8	0.082	1445.1	296
62	2	302	-1.815	-1.822	0.32	0.09	34.680	27.922	30.319	32.689	37.348	15.8	0.082	1445.1	298

Potential Temperature ($^{\circ}\text{C}$)

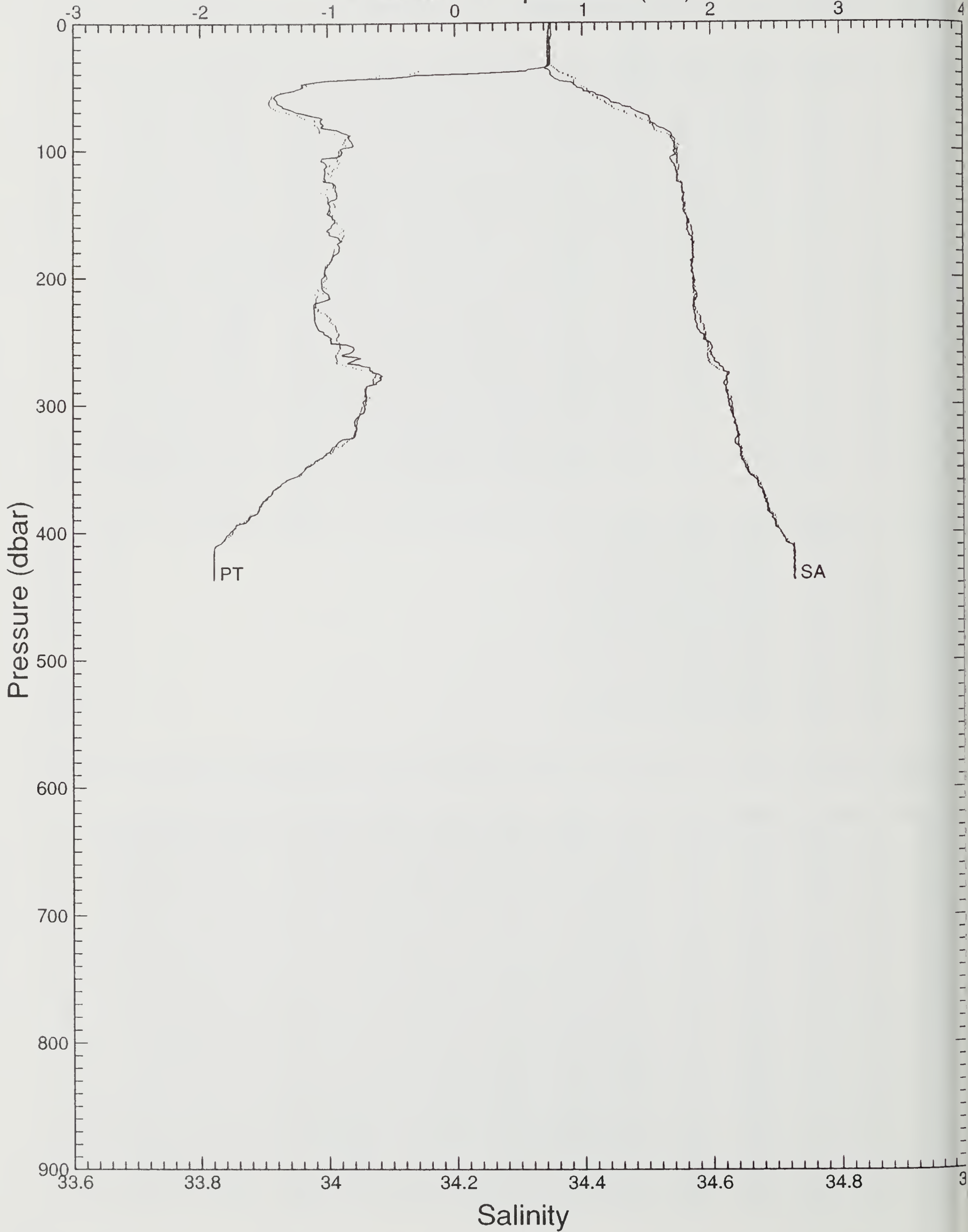
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.322	177.667	405	3	1005	190	4	-1.		1425	30	JAN	1984	PS	84	1	63

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
63	1	0	0.298	0.298	2.19	2.19	34.480	27.670	30.036	32.374	36.972	41.3	0.000	1449.8	0
63	1	10	0.292	0.292	2.19	2.19	34.481	27.671	30.037	32.376	36.974	41.2	0.004	1449.9	9
63	1	20	0.299	0.298	2.21	2.19	34.481	27.671	30.036	32.375	36.973	41.2	0.008	1450.1	19
63	1	30	0.296	0.295	2.21	2.19	34.480	27.670	30.036	32.374	36.973	41.3	0.012	1450.3	29
63	1	40	0.099	0.098	2.02	1.99	34.475	27.677	30.046	32.387	36.991	40.6	0.017	1449.5	39
63	1	50	-0.906	-0.907	1.02	0.99	34.476	27.725	30.109	32.465	37.099	35.9	0.020	1445.0	49
63	1	60	-0.987	-0.989	0.95	0.91	34.488	27.738	30.123	32.481	37.117	34.7	0.024	1444.8	59
63	1	70	-1.273	-1.275	0.67	0.62	34.513	27.769	30.158	32.520	37.164	31.6	0.027	1443.7	69
63	1	80	-1.140	-1.142	0.82	0.76	34.544	27.789	30.176	32.536	37.176	29.7	0.030	1444.5	79
63	1	90	-0.932	-0.935	1.03	0.96	34.561	27.795	30.179	32.535	37.169	29.2	0.033	1445.7	89
63	1	100	-1.135	-1.138	0.84	0.76	34.556	27.799	30.186	32.545	37.185	28.7	0.036	1444.9	98
63	1	125	-1.267	-1.270	0.73	0.63	34.569	27.814	30.203	32.565	37.208	27.1	0.043	1444.7	123
63	1	150	-0.754	-0.759	1.26	1.15	34.618	27.834	30.215	32.568	37.196	25.4	0.050	1447.6	148
63	1	175	-1.268	-1.273	0.76	0.63	34.607	27.845	30.234	32.595	37.239	24.0	0.056	1445.5	173
63	1	200	-1.488	-1.493	0.56	0.41	34.620	27.863	30.255	32.620	37.270	22.1	0.062	1444.9	197
63	1	225	-1.667	-1.672	0.40	0.23	34.640	27.885	30.280	32.647	37.303	19.8	0.067	1444.5	222
63	1	250	-1.798	-1.804	0.29	0.10	34.664	27.908	30.305	32.675	37.334	17.4	0.071	1444.3	247
63	1	275	-1.833	-1.839	0.28	0.07	34.688	27.929	30.326	32.696	37.356	15.3	0.076	1444.6	271
63	1	300	-1.882	-1.889	0.25	0.02	34.698	27.938	30.336	32.707	37.369	14.2	0.079	1444.8	296
63	1	325	-1.878	-1.885	0.27	0.03	34.711	27.949	30.346	32.717	37.379	13.1	0.083	1445.2	321
63	1	350	-1.881	-1.889	0.29	0.03	34.719	27.955	30.353	32.724	37.385	12.3	0.086	1445.6	345
63	1	375	-1.885	-1.893	0.30	0.02	34.725	27.960	30.358	32.729	37.390	11.7	0.089	1446.0	370
63	1	400	-1.885	-1.894	0.32	0.02	34.726	27.961	30.359	32.730	37.391	11.5	0.092	1446.4	395
63	1	405	-1.885	-1.894	0.33	0.02	34.726	27.961	30.359	32.730	37.391	11.5	0.092	1446.5	400

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
63		3	0.338	0.338	34.466	27.657											12	3
63		23	0.315	0.314	34.465	27.657	8.70										11	23
63		65	-1.272	-1.274	34.499	27.757											10	64
63		128	-1.158	-1.161	34.580	27.819	5.70										9	126
63		150	-1.094	-1.098	34.596	27.830	5.72										8	149
63		176	-1.483	-1.487	34.619	27.862											7	174
63	1	202	-1.579	-1.584	34.626	27.871	6.16										6	199
63		232	-1.689	-1.694	34.641	27.886											5	229
63		256	-1.802	-1.808	34.665	27.909											4	253
63		304	-1.878	-1.885	34.703	27.942	6.31										3	301
63		355	-1.881	-1.889	34.720	27.956											2	351
63		403	-1.882	-1.891	34.726	27.961	6.22										1	398

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.320	177.650	405		1005	180	3	-1.		1512	30	JAN	1984	PS	84	2	63

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
63	2	0	0.338	0.338	2.23	2.23	34.473	27.662	30.027	32.365	36.962	42.0	0.000	1450.0	0
63	2	10	0.333	0.333	2.23	2.23	34.471	27.661	30.026	32.364	36.961	42.1	0.004	1450.1	9
63	2	20	0.335	0.334	2.24	2.23	34.470	27.660	30.025	32.363	36.960	42.2	0.008	1450.3	19
63	2	30	0.299	0.298	2.21	2.19	34.477	27.668	30.033	32.372	36.970	41.5	0.013	1450.3	29
63	2	40	-0.010	-0.011	1.91	1.88	34.495	27.699	30.069	32.412	37.019	38.5	0.017	1449.1	39
63	2	50	-0.704	-0.705	1.23	1.19	34.493	27.731	30.111	32.464	37.092	35.4	0.020	1446.0	49
63	2	60	-1.135	-1.137	0.80	0.76	34.497	27.751	30.138	32.498	37.138	33.4	0.024	1444.2	59
63	2	70	-1.304	-1.306	0.64	0.59	34.524	27.779	30.168	32.531	37.176	30.7	0.027	1443.6	69
63	2	80	-1.329	-1.331	0.63	0.57	34.542	27.794	30.184	32.547	37.193	29.2	0.030	1443.6	79
63	2	90	-1.287	-1.289	0.68	0.61	34.554	27.803	30.192	32.554	37.198	28.4	0.033	1444.0	89
63	2	100	-1.090	-1.093	0.88	0.81	34.565	27.804	30.190	32.550	37.188	28.2	0.036	1445.1	98
63	2	125	-1.137	-1.140	0.85	0.76	34.576	27.815	30.202	32.562	37.201	27.1	0.043	1445.3	123
63	2	150	-1.094	-1.098	0.92	0.80	34.592	27.827	30.213	32.572	37.210	25.9	0.049	1445.9	148
63	2	175	-1.445	-1.449	0.59	0.46	34.620	27.862	30.253	32.617	37.266	22.4	0.055	1444.7	173
63	2	200	-1.565	-1.570	0.49	0.34	34.624	27.869	30.262	32.628	37.281	21.5	0.061	1444.6	197
63	2	225	-1.671	-1.676	0.40	0.23	34.638	27.883	30.278	32.646	37.302	19.9	0.066	1444.5	222
63	2	250	-1.776	-1.782	0.32	0.13	34.655	27.900	30.297	32.666	37.325	18.2	0.071	1444.4	247
63	2	275	-1.829	-1.835	0.28	0.08	34.683	27.924	30.322	32.692	37.352	15.7	0.075	1444.6	271
63	2	300	-1.881	-1.888	0.25	0.02	34.699	27.939	30.337	32.708	37.369	14.1	0.079	1444.8	296
63	2	325	-1.877	-1.884	0.27	0.03	34.714	27.951	30.349	32.720	37.381	12.9	0.082	1445.2	321
63	2	350	-1.881	-1.889	0.29	0.03	34.717	27.953	30.351	32.722	37.384	12.5	0.085	1445.6	345
63	2	363	-1.882	-1.890	0.30	0.02	34.715	27.952	30.350	32.721	37.382	12.6	0.087	1445.8	358

Potential Temperature ($^{\circ}\text{C}$)

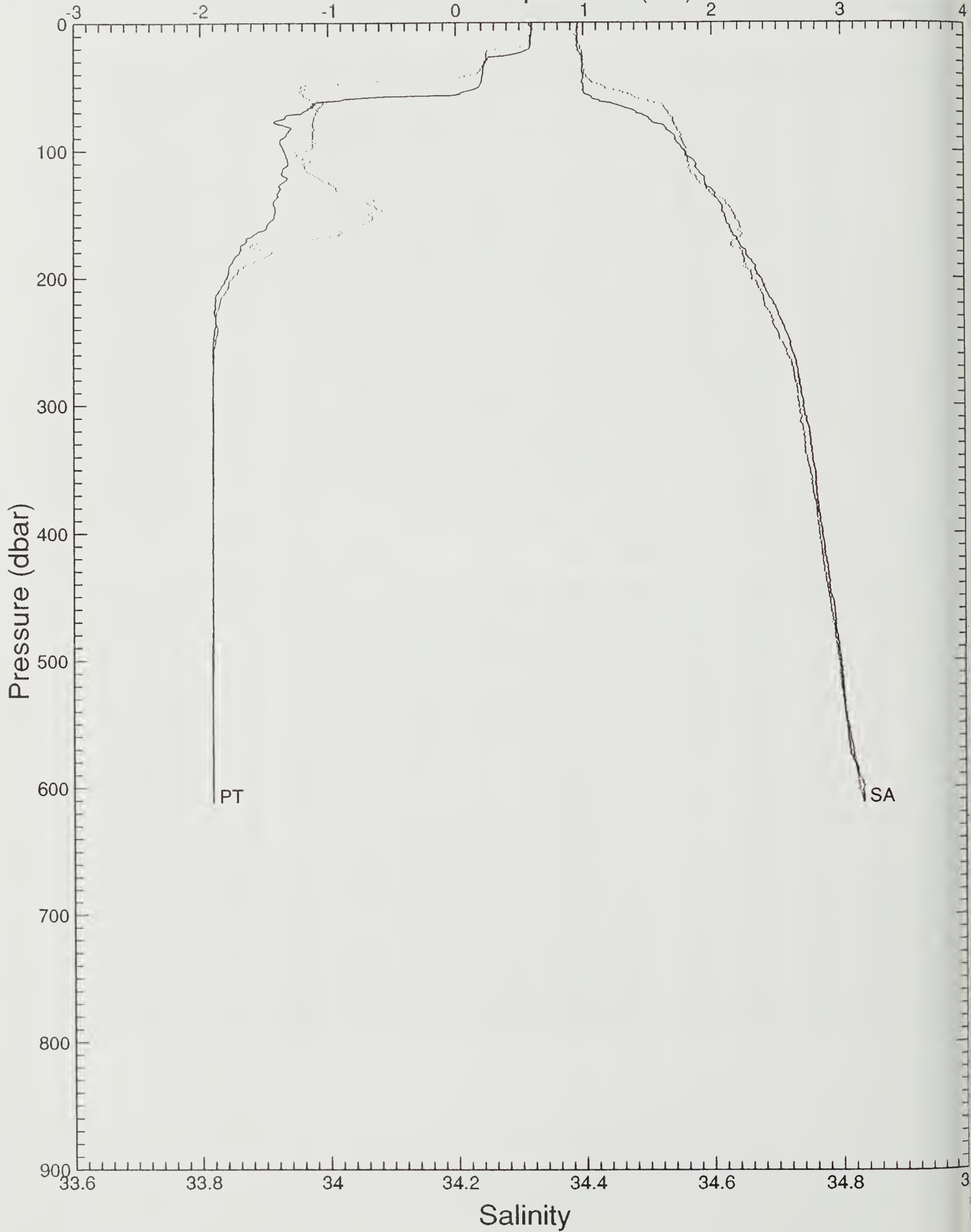
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.260	175.775	437	3	1005	150	3	2.		1730	30	JAN	1984	PS	84	1	64

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
64	1	0	0.755	0.755	2.64	2.64	34.350	27.538	29.898	32.230	36.816	53.8	0.000	1451.7	0
64	1	10	0.758	0.758	2.65	2.64	34.347	27.536	29.895	32.227	36.814	54.0	0.005	1451.9	9
64	1	20	0.752	0.751	2.65	2.64	34.345	27.535	29.894	32.226	36.813	54.1	0.011	1452.0	19
64	1	30	0.748	0.747	2.66	2.63	34.346	27.536	29.895	32.228	36.814	54.1	0.016	1452.2	29
64	1	40	0.103	0.102	2.02	1.99	34.350	27.576	29.945	32.287	36.892	50.2	0.021	1449.4	39
64	1	50	-1.189	-1.190	0.74	0.70	34.391	27.667	30.055	32.417	37.059	41.4	0.026	1443.6	49
64	1	60	-1.402	-1.403	0.53	0.49	34.440	27.714	30.105	32.470	37.119	36.9	0.030	1442.8	59
64	1	70	-1.244	-1.246	0.70	0.65	34.484	27.744	30.133	32.495	37.139	34.0	0.033	1443.8	69
64	1	80	-1.026	-1.028	0.93	0.87	34.513	27.760	30.145	32.503	37.140	32.5	0.037	1445.0	79
64	1	90	-0.833	-0.836	1.13	1.06	34.540	27.774	30.156	32.512	37.142	31.2	0.040	1446.1	89
64	1	100	-0.891	-0.894	1.08	1.00	34.546	27.781	30.164	32.521	37.153	30.5	0.043	1446.0	98
64	1	125	-0.954	-0.957	1.04	0.94	34.547	27.785	30.169	32.526	37.160	30.0	0.051	1446.1	123
64	1	150	-0.990	-0.994	1.02	0.91	34.560	27.797	30.181	32.539	37.174	28.8	0.058	1446.4	148
64	1	175	-0.902	-0.907	1.13	1.00	34.571	27.802	30.185	32.542	37.174	28.3	0.065	1447.2	173
64	1	200	-1.034	-1.040	1.01	0.86	34.573	27.809	30.194	32.552	37.189	27.5	0.072	1447.0	197
64	1	225	-1.096	-1.102	0.97	0.80	34.573	27.811	30.197	32.557	37.195	27.1	0.079	1447.1	222
64	1	250	-0.963	-0.970	1.12	0.94	34.595	27.824	30.208	32.565	37.200	25.9	0.086	1448.2	247
64	1	275	-0.594	-0.603	1.51	1.31	34.628	27.835	30.214	32.565	37.188	25.1	0.092	1450.4	271
64	1	300	-0.704	-0.714	1.42	1.20	34.629	27.841	30.221	32.574	37.200	24.4	0.098	1450.3	296
64	1	325	-0.781	-0.791	1.36	1.12	34.641	27.854	30.235	32.589	37.218	23.0	0.104	1450.3	321
64	1	350	-1.164	-1.174	1.00	0.74	34.653	27.879	30.266	32.626	37.266	20.3	0.109	1448.9	345
64	1	375	-1.483	-1.493	0.70	0.42	34.684	27.915	30.307	32.672	37.321	16.4	0.114	1447.9	370
64	1	400	-1.757	-1.767	0.45	0.15	34.708	27.943	30.339	32.708	37.365	13.4	0.118	1447.0	395
64	1	425	-1.881	-1.891	0.35	0.03	34.728	27.962	30.360	32.731	37.393	11.2	0.121	1446.9	420
64	1	437	-1.881	-1.891	0.36	0.03	34.729	27.963	30.361	32.732	37.393	11.1	0.122	1447.0	431

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.257	175.755	437	3	1005	130	3	-2.		1752	30	JAN	1984	PS	84	2	64

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
64	2	0	0.756	0.756	2.64	2.64	34.347	27.536	29.895	32.228	36.814	54.0	0.000	1451.7	0
64	2	10	0.736	0.736	2.63	2.62	34.346	27.536	29.896	32.229	36.815	54.0	0.005	1451.8	9
64	2	20	0.743	0.742	2.64	2.63	34.345	27.535	29.895	32.227	36.814	54.1	0.011	1452.0	19
64	2	30	0.741	0.740	2.65	2.63	34.346	27.536	29.895	32.228	36.815	54.0	0.016	1452.1	29
64	2	40	-0.348	-0.349	1.57	1.54	34.370	27.615	29.990	32.339	36.957	46.4	0.021	1447.3	39
64	2	50	-1.205	-1.206	0.72	0.68	34.399	27.674	30.062	32.424	37.067	40.7	0.026	1443.5	49
64	2	60	-1.452	-1.453	0.48	0.44	34.424	27.703	30.095	32.460	37.111	37.9	0.030	1442.6	59
64	2	70	-1.321	-1.323	0.62	0.57	34.466	27.732	30.122	32.486	37.132	35.1	0.033	1443.4	69
64	2	80	-1.096	-1.098	0.86	0.80	34.506	27.757	30.143	32.503	37.142	32.8	0.037	1444.7	79
64	2	90	-0.848	-0.851	1.12	1.05	34.538	27.773	30.155	32.511	37.142	31.3	0.040	1446.0	89
64	2	100	-0.904	-0.907	1.07	0.99	34.548	27.783	30.167	32.523	37.156	30.3	0.043	1446.0	98
64	2	125	-0.956	-0.959	1.04	0.94	34.554	27.790	30.174	32.532	37.166	29.5	0.050	1446.1	123
64	2	150	-0.953	-0.957	1.06	0.94	34.562	27.797	30.181	32.538	37.172	28.8	0.058	1446.6	148
64	2	175	-0.899	-0.904	1.13	1.00	34.572	27.803	30.186	32.542	37.175	28.2	0.065	1447.2	173
64	2	200	-0.995	-1.001	1.05	0.90	34.574	27.808	30.193	32.550	37.186	27.6	0.072	1447.2	197
64	2	225	-1.064	-1.070	1.00	0.83	34.577	27.813	30.199	32.558	37.195	26.9	0.079	1447.3	222
64	2	250	-0.900	-0.907	1.19	1.00	34.594	27.821	30.204	32.560	37.193	26.3	0.085	1448.5	247
64	2	275	-0.609	-0.618	1.50	1.29	34.625	27.834	30.212	32.564	37.187	25.2	0.092	1450.3	271
64	2	300	-0.691	-0.701	1.44	1.21	34.633	27.844	30.223	32.576	37.202	24.2	0.098	1450.3	296
64	2	325	-0.801	-0.811	1.35	1.10	34.644	27.857	30.239	32.593	37.222	22.7	0.104	1450.2	321
64	2	350	-1.168	-1.178	1.00	0.74	34.658	27.883	30.270	32.630	37.270	19.9	0.109	1448.9	345
64	2	375	-1.496	-1.506	0.69	0.41	34.686	27.917	30.309	32.674	37.324	16.2	0.113	1447.8	370
64	2	400	-1.735	-1.745	0.47	0.17	34.707	27.941	30.337	32.706	37.363	13.5	0.117	1447.1	395
64	2	425	-1.880	-1.890	0.35	0.03	34.729	27.963	30.361	32.732	37.393	11.2	0.120	1446.9	420
64	2	437	-1.881	-1.891	0.36	0.03	34.730	27.964	30.362	32.733	37.394	11.0	0.122	1447.0	431

Potential Temperature (°C)

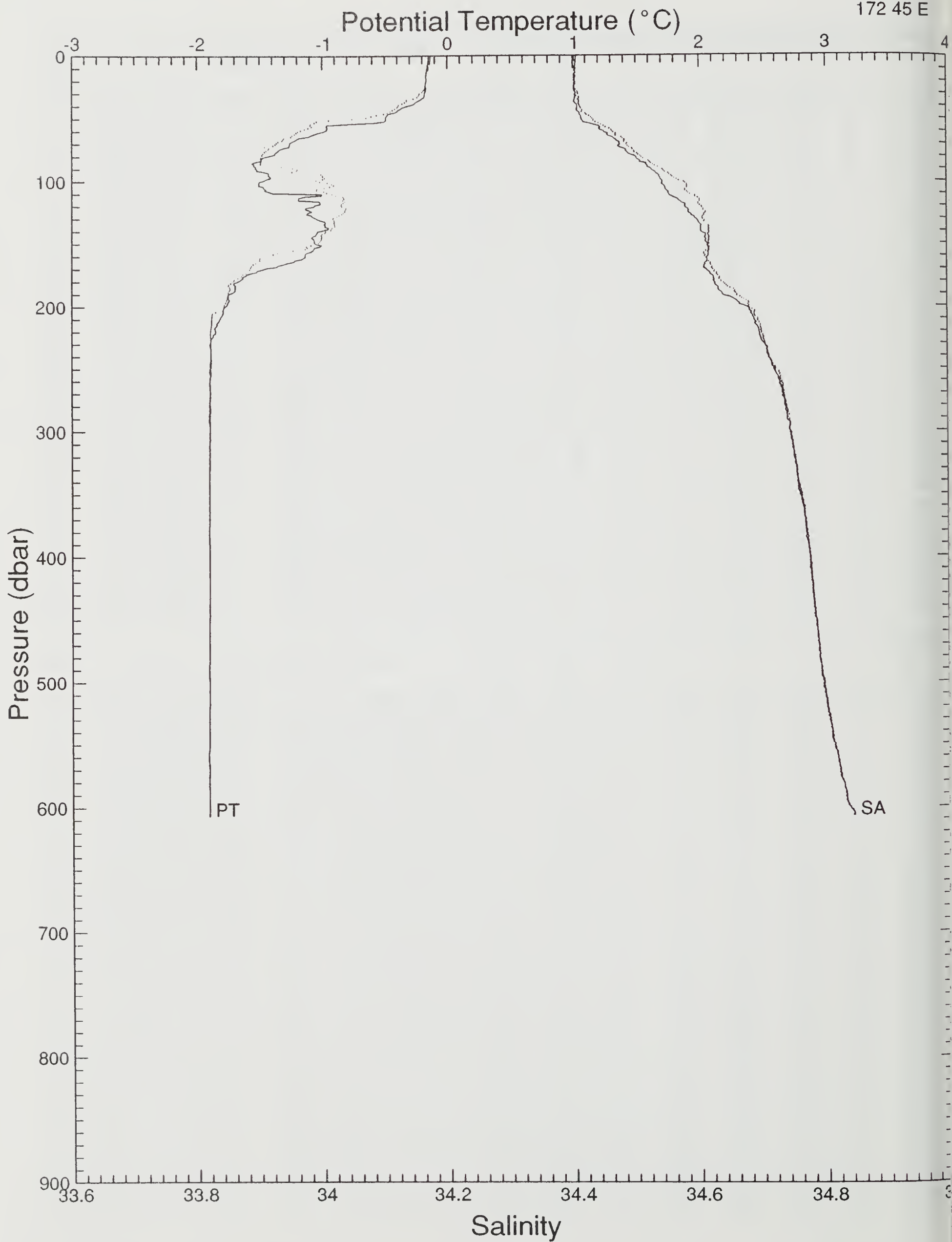


LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-76.253 174.442 611 3 1005 190 2 -1. 1952 30 JAN 1984 PS 84 1 65

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
65	1	0	0.576	0.576	2.46	2.46	34.391	27.582	29.944	32.279	36.870	49.6	0.000	1451.0	0
65	1	10	0.594	0.594	2.49	2.48	34.391	27.581	29.943	32.277	36.868	49.7	0.005	1451.2	9
65	1	20	0.583	0.582	2.48	2.47	34.391	27.582	29.943	32.278	36.869	49.6	0.010	1451.3	19
65	1	30	0.237	0.236	2.15	2.13	34.398	27.608	29.974	32.314	36.915	47.2	0.015	1449.9	29
65	1	40	0.215	0.214	2.13	2.10	34.399	27.610	29.977	32.317	36.918	47.0	0.020	1450.0	39
65	1	50	0.186	0.184	2.11	2.07	34.400	27.612	29.979	32.320	36.922	46.8	0.024	1450.0	49
65	1	60	-0.874	-0.876	1.06	1.02	34.415	27.674	30.058	32.414	37.047	40.7	0.029	1445.3	59
65	1	70	-1.196	-1.198	0.75	0.70	34.483	27.742	30.130	32.491	37.133	34.2	0.032	1444.0	69
65	1	80	-1.348	-1.350	0.61	0.55	34.522	27.779	30.169	32.532	37.179	30.7	0.036	1443.5	79
65	1	90	-1.349	-1.351	0.61	0.55	34.543	27.796	30.186	32.549	37.196	29.0	0.039	1443.7	89
65	1	100	-1.341	-1.343	0.63	0.56	34.557	27.807	30.197	32.560	37.206	27.9	0.041	1443.9	98
65	1	125	-1.351	-1.354	0.64	0.55	34.589	27.833	30.223	32.586	37.232	25.3	0.048	1444.3	123
65	1	150	-1.413	-1.417	0.60	0.49	34.619	27.860	30.251	32.614	37.262	22.7	0.054	1444.5	148
65	1	175	-1.681	-1.685	0.35	0.22	34.644	27.888	30.283	32.651	37.307	19.7	0.059	1443.6	173
65	1	200	-1.788	-1.792	0.27	0.12	34.674	27.916	30.312	32.682	37.341	16.9	0.064	1443.6	197
65	1	225	-1.885	-1.890	0.19	0.02	34.701	27.940	30.338	32.709	37.371	14.4	0.068	1443.5	222
65	1	250	-1.893	-1.898	0.20	0.01	34.721	27.957	30.355	32.726	37.388	12.7	0.071	1443.9	247
65	1	275	-1.894	-1.900	0.22	0.01	34.733	27.967	30.365	32.736	37.397	11.6	0.074	1444.3	271
65	1	300	-1.897	-1.904	0.24	0.01	34.742	27.974	30.372	32.743	37.405	10.8	0.077	1444.8	296
65	1	325	-1.895	-1.902	0.26	0.01	34.751	27.982	30.379	32.750	37.412	10.0	0.080	1445.2	321
65	1	350	-1.896	-1.904	0.28	0.01	34.759	27.988	30.386	32.757	37.418	9.2	0.082	1445.6	345
65	1	375	-1.896	-1.904	0.29	0.01	34.762	27.991	30.388	32.759	37.421	8.9	0.084	1446.0	370
65	1	400	-1.897	-1.906	0.31	0.01	34.771	27.998	30.396	32.767	37.428	8.0	0.086	1446.4	395
65	1	425	-1.897	-1.907	0.33	0.01	34.777	28.003	30.401	32.772	37.433	7.4	0.088	1446.8	420
65	1	450	-1.895	-1.906	0.35	0.02	34.785	28.009	30.407	32.778	37.439	6.7	0.090	1447.3	444
65	1	475	-1.893	-1.904	0.37	0.02	34.791	28.014	30.412	32.783	37.444	6.1	0.092	1447.7	469
65	1	500	-1.894	-1.906	0.39	0.02	34.798	28.020	30.418	32.788	37.450	5.4	0.093	1448.1	494
65	1	550	-1.895	-1.908	0.43	0.02	34.809	28.029	30.427	32.797	37.459	4.3	0.096	1448.9	543
65	1	600	-1.894	-1.909	0.47	0.02	34.833	28.048	30.446	32.817	37.478	2.2	0.097	1449.8	592
65	1	612	-1.894	-1.909	0.48	0.02	34.833	28.048	30.446	32.817	37.478	2.1	0.098	1450.0	604

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-76.252 174.437 611 3 1005 190 2 -1. 2042 30 JAN 1984 PS 84 2 65

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
65	2	0	0.591	0.591	2.48	2.48	34.391	27.581	29.943	32.278	36.868	49.7	0.000	1451.0	0
65	2	10	0.580	0.580	2.48	2.47	34.388	27.580	29.941	32.276	36.867	49.9	0.005	1451.1	9
65	2	20	0.408	0.407	2.31	2.30	34.395	27.595	29.960	32.297	36.893	48.4	0.010	1450.5	19
65	2	30	0.227	0.226	2.14	2.11	34.399	27.609	29.976	32.316	36.917	47.1	0.015	1449.9	29
65	2	40	0.169	0.168	2.09	2.06	34.401	27.614	29.981	32.322	36.925	46.6	0.019	1449.8	39
65	2	50	-1.207	-1.208	0.72	0.68	34.431	27.700	30.088	32.450	37.093	38.3	0.024	1443.6	49
65	2	60	-1.142	-1.144	0.80	0.75	34.487	27.743	30.130	32.491	37.131	34.2	0.027	1444.1	59
65	2	70	-1.093	-1.095	0.85	0.80	34.532	27.778	30.164	32.523	37.162	30.8	0.031	1444.6	69
65	2	80	-1.120	-1.122	0.84	0.78	34.542	27.787	30.173	32.533	37.173	29.9	0.034	1444.6	79
65	2	90	-1.117	-1.119	0.85	0.78	34.551	27.794	30.181	32.540	37.180	29.2	0.037	1444.8	89
65	2	100	-1.166	-1.169	0.81	0.73	34.558	27.802	30.189	32.549	37.190	28.5	0.039	1444.7	98
65	2	125	-0.992	-0.995	1.00	0.91	34.581	27.814	30.198	32.556	37.191	27.3	0.046	1446.0	123
65	2	150	-0.679	-0.684	1.33	1.22	34.634	27.844	30.223	32.576	37.201	24.5	0.053	1447.9	148
65	2	175	-1.604	-1.608	0.43	0.30	34.630	27.875	30.269	32.635	37.289	21.0	0.059	1444.0	173
65	2	200	-1.744	-1.748	0.31	0.16	34.663	27.906	30.302	32.671	37.328	17.9	0.063	1443.8	197
65	2	225	-1.859	-1.864	0.21	0.05	34.686	27.928	30.325	32.696	37.357	15.6	0.068	1443.6	222
65	2	250	-1.874	-1.879	0.22	0.03	34.707	27.945	30.343	32.714	37.375	13.8	0.071	1444.0	247
65	2	275	-1.893	-1.899	0.22	0.01	34.726	27.961	30.359	32.730	37.392	12.2	0.075	1444.3	271
65	2	300	-1.893	-1.900	0.24	0.01	34.735	27.968	30.366	32.737	37.399	11.4	0.077	1444.8	296
65	2	325	-1.894	-1.901	0.26	0.01	34.742	27.974	30.372	32.743	37.405	10.7	0.080	1445.2	321
65	2	350	-1.894	-1.902	0.28	0.01	34.752	27.982	30.380	32.751	37.413	9.8	0.083	1445.6	345
65	2	375	-1.896	-1.904	0.29	0.01	34.760	27.989	30.387	32.758	37.419	9.0	0.085	1446.0	370
65	2	400	-1.895	-1.904	0.31	0.01	34.766	27.994	30.392	32.763	37.424	8.4	0.087	1446.4	395
65	2	425	-1.895	-1.905	0.33	0.01	34.772	27.999	30.397	32.767	37.429	7.8	0.089	1446.8	420
65	2	450	-1.895	-1.906	0.35	0.02	34.781	28.006	30.404	32.775	37.436	7.0	0.091	1447.3	444
65	2	475	-1.894	-1.905	0.37	0.02	34.789	28.013	30.410	32.781	37.442	6.2	0.093	1447.7	469
65	2	500	-1.900	-1.912	0.39	0.01	34.796	28.018	30.416	32.787	37.449	5.5	0.094	1448.1	494
65	2	550	-1.894	-1.907	0.43	0.02	34.809	28.029	30.427	32.797	37.459	4.3	0.097	1448.9	543
65	2	600	-1.895	-1.910	0.47	0.02	34.828	28.044	30.442	32.813	37.474	2.6	0.098	1449.8	592
65	2	612	-1.894	-1.909	0.48	0.02	34.833	28.048	30.446	32.817	37.478	2.1	0.099	1450.0	604



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.215	172.753	606	3	1005		0	-1.		2243	30	JAN	1984	PS	84	1	66

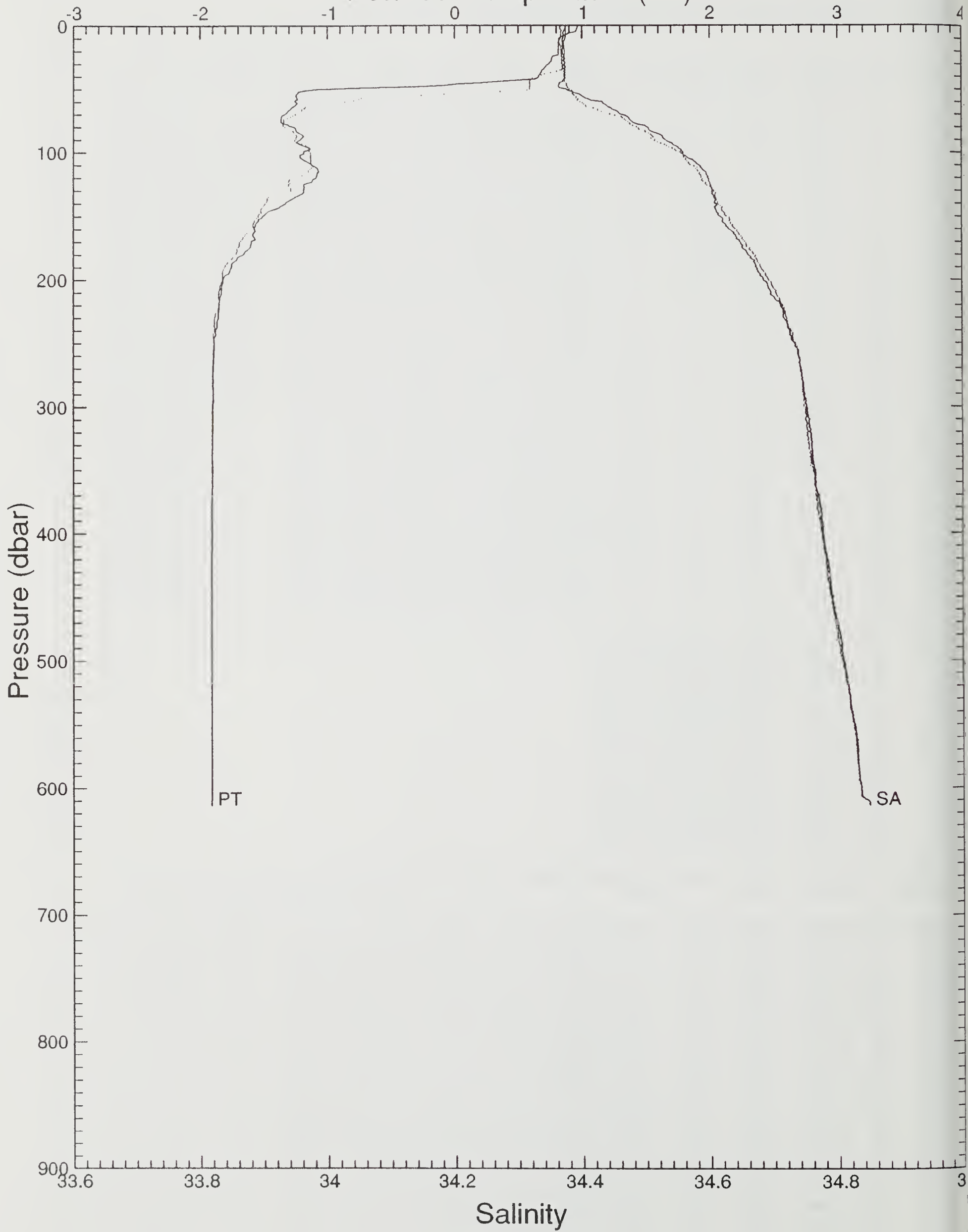
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
66	1	0	-0.147	-0.147	1.74	1.74	34.405	27.633	30.006	32.351	36.963	44.8	0.000	1447.7	0
66	1	10	-0.152	-0.152	1.74	1.74	34.405	27.634	30.006	32.352	36.964	44.7	0.004	1447.8	9
66	1	20	-0.168	-0.169	1.74	1.72	34.403	27.633	30.005	32.351	36.964	44.8	0.009	1447.9	19
66	1	30	-0.180	-0.181	1.73	1.71	34.405	27.635	30.008	32.354	36.967	44.6	0.013	1448.0	29
66	1	40	-0.327	-0.328	1.59	1.56	34.407	27.644	30.019	32.367	36.984	43.7	0.018	1447.5	39
66	1	50	-0.489	-0.491	1.44	1.40	34.414	27.657	30.035	32.385	37.007	42.4	0.022	1446.9	49
66	1	60	-0.992	-0.994	0.94	0.90	34.449	27.707	30.092	32.450	37.086	37.6	0.026	1444.8	59
66	1	70	-1.257	-1.259	0.69	0.64	34.474	27.737	30.126	32.488	37.132	34.7	0.030	1443.7	69
66	1	80	-1.460	-1.462	0.49	0.43	34.498	27.763	30.155	32.520	37.170	32.1	0.033	1442.9	79
66	1	90	-1.517	-1.519	0.45	0.38	34.523	27.785	30.178	32.544	37.196	30.0	0.036	1442.9	89
66	1	100	-1.498	-1.500	0.47	0.40	34.542	27.800	30.192	32.558	37.209	28.5	0.039	1443.1	98
66	1	125	-1.112	-1.115	0.88	0.79	34.583	27.820	30.206	32.566	37.205	26.7	0.046	1445.4	123
66	1	150	-1.042	-1.046	0.97	0.86	34.612	27.841	30.226	32.584	37.221	24.6	0.052	1446.2	148
66	1	175	-1.607	-1.611	0.43	0.29	34.618	27.865	30.259	32.626	37.280	22.0	0.058	1443.9	173
66	1	200	-1.775	-1.779	0.28	0.13	34.671	27.913	30.309	32.679	37.337	17.2	0.063	1443.6	197
66	1	225	-1.875	-1.880	0.20	0.03	34.697	27.937	30.335	32.706	37.367	14.7	0.067	1443.6	222
66	1	250	-1.891	-1.896	0.20	0.02	34.719	27.955	30.353	32.724	37.386	12.9	0.071	1443.9	247
66	1	275	-1.890	-1.896	0.22	0.02	34.734	27.968	30.365	32.736	37.398	11.6	0.074	1444.4	271
66	1	300	-1.888	-1.895	0.25	0.02	34.743	27.975	30.373	32.744	37.405	10.8	0.076	1444.8	296
66	1	325	-1.892	-1.899	0.26	0.02	34.752	27.982	30.380	32.751	37.412	9.9	0.079	1445.2	321
66	1	350	-1.895	-1.903	0.28	0.01	34.760	27.989	30.387	32.758	37.419	9.2	0.081	1445.6	345
66	1	375	-1.895	-1.903	0.30	0.01	34.768	27.995	30.393	32.764	37.426	8.4	0.084	1446.0	370
66	1	400	-1.894	-1.903	0.32	0.02	34.774	28.000	30.398	32.769	37.430	7.8	0.086	1446.4	395
66	1	425	-1.893	-1.903	0.34	0.02	34.779	28.004	30.402	32.773	37.434	7.3	0.088	1446.9	420
66	1	450	-1.894	-1.905	0.36	0.02	34.784	28.008	30.406	32.777	37.438	6.8	0.089	1447.3	444
66	1	475	-1.894	-1.905	0.37	0.02	34.788	28.012	30.410	32.780	37.442	6.3	0.091	1447.7	469
66	1	500	-1.894	-1.906	0.39	0.02	34.796	28.018	30.416	32.787	37.448	5.6	0.092	1448.1	494
66	1	550	-1.895	-1.908	0.43	0.02	34.813	28.032	30.430	32.801	37.462	4.0	0.095	1448.9	543
66	1	600	-1.894	-1.909	0.47	0.02	34.835	28.050	30.448	32.818	37.479	2.1	0.096	1449.8	592
66	1	607	-1.895	-1.910	0.48	0.02	34.843	28.057	30.454	32.825	37.486	1.4	0.096	1449.9	599

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
66	1	2	-0.134	-0.134	34.402	27.630											12	2
66		21	-0.172	-0.173	34.401	27.631											11	21
66		39	-0.387	-0.388	34.406	27.646											10	38
66		65	-1.302	-1.304	34.470	27.735											9	64
66	1	90	-1.197	-1.199	34.539	27.787											8	89
66		150	-1.043	-1.047	34.616	27.844											7	148
66	1	205	-1.871	-1.875	34.688	27.930											6	203
66		306	-1.891	-1.898	34.748	27.979											4	303
66		307	-1.891	-1.898	34.747	27.978											5	303
66		382	-1.895	-1.904	34.774	28.000											3	378
66		507	-1.893	-1.905	34.796	28.018											2	501
66		607	-1.895	-1.910	34.843	28.057											1	600

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.213	172.750	606	3	1005		0	0.		2335	30	JAN	1984	PS	84	2	66

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
66	2	0	-0.134	-0.134	1.75	1.75	34.402	27.630	30.002	32.348	36.959	45.1	0.000	1447.7	0
66	2	10	-0.163	-0.163	1.73	1.72	34.402	27.632	30.004	32.350	36.962	44.9	0.005	1447.7	9
66	2	20	-0.167	-0.168	1.74	1.72	34.402	27.632	30.005	32.351	36.963	44.9	0.009	1447.9	19
66	2	30	-0.220	-0.221	1.69	1.67	34.408	27.640	30.013	32.360	36.973	44.1	0.013	1447.8	29
66	2	40	-0.394	-0.395	1.52	1.50	34.411	27.650	30.026	32.376	36.994	43.1	0.018	1447.2	39
66	2	50	-0.759	-0.760	1.17	1.13	34.431	27.683	30.064	32.419	37.048	40.0	0.022	1445.7	49
66	2	60	-1.194	-1.196	0.74	0.70	34.462	27.725	30.113	32.474	37.116	35.9	0.026	1443.8	59
66	2	70	-1.374	-1.376	0.57	0.52	34.486	27.750	30.141	32.505	37.153	33.4	0.029	1443.2	69
66	2	80	-1.487	-1.489	0.47	0.41	34.507	27.771	30.164	32.529	37.180	31.3	0.032	1442.8	79
66	2	90	-1.197	-1.199	0.77	0.70	34.539	27.787	30.175	32.536	37.178	29.8	0.036	1444.4	89
66	2	100	-1.015	-1.018	0.96	0.88	34.568	27.804	30.189	32.547	37.183	28.3	0.038	1445.5	98
66	2	125	-0.828	-0.832	1.17	1.07	34.611	27.831	30.213	32.568	37.198	25.7	0.045	1446.8	123
66	2	150	-1.043	-1.047	0.97	0.86	34.615	27.843	30.228	32.587	37.223	24.4	0.051	1446.2	148
66	2	175	-1.637	-1.641	0.40	0.26	34.628	27.874	30.268	32.636	37.290	21.1	0.057	1443.8	173
66	2	200	-1.781	-1.785	0.27	0.12	34.679	27.920	30.316	32.686	37.344	16.6	0.062	1443.6	197
66	2	225	-1.884	-1.889	0.19	0.02	34.702	27.941	30.339	32.710	37.372	14.3	0.066	1443.5	222
66	2	250	-1.887	-1.892	0.21	0.02	34.721	27.957	30.355	32.726	37.387	12.7	0.069	1444.0	247
66	2	275	-1.888	-1.894	0.23	0.02	34.735	27.968	30.366	32.737	37.398	11.5	0.072	1444.4	271

Potential Temperature (°C)

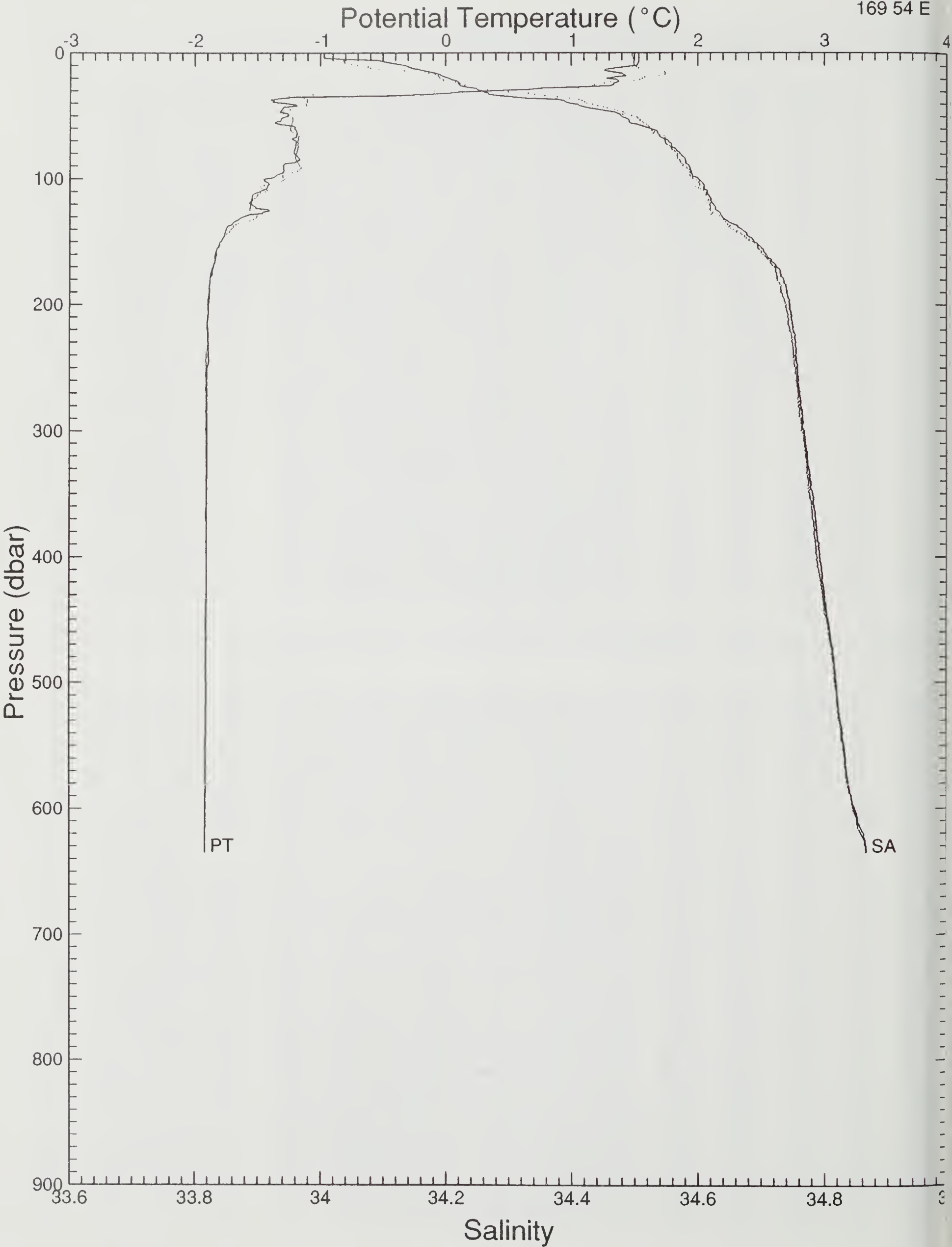


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.198	171.362	613	3	1005		0	4.		0124	31	JAN	1984	PS	84	1	67

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
67	1	0	0.966	0.966	2.85	2.85	34.373	27.544	29.899	32.229	36.809	53.3	0.000	1452.7	0
67	1	10	0.819	0.819	2.71	2.71	34.370	27.551	29.909	32.240	36.824	52.6	0.005	1452.2	9
67	1	20	0.817	0.816	2.72	2.70	34.369	27.550	29.908	32.240	36.824	52.7	0.011	1452.3	19
67	1	30	0.742	0.741	2.65	2.63	34.373	27.558	29.917	32.250	36.836	52.0	0.016	1452.2	29
67	1	40	0.662	0.660	2.58	2.55	34.372	27.562	29.922	32.256	36.845	51.6	0.021	1452.0	39
67	1	50	-1.083	-1.084	0.84	0.80	34.375	27.650	30.037	32.397	37.036	43.0	0.026	1444.1	49
67	1	60	-1.248	-1.249	0.69	0.64	34.432	27.702	30.091	32.453	37.098	38.0	0.030	1443.5	59
67	1	70	-1.334	-1.336	0.61	0.56	34.461	27.729	30.119	32.482	37.129	35.4	0.033	1443.3	69
67	1	80	-1.255	-1.257	0.70	0.64	34.502	27.759	30.148	32.510	37.154	32.5	0.037	1443.9	79
67	1	90	-1.211	-1.213	0.75	0.68	34.531	27.781	30.169	32.531	37.173	30.4	0.040	1444.3	89
67	1	100	-1.180	-1.183	0.79	0.72	34.559	27.803	30.190	32.551	37.192	28.3	0.043	1444.7	98
67	1	125	-1.181	-1.184	0.81	0.72	34.601	27.837	30.224	32.585	37.226	25.0	0.050	1445.1	123
67	1	150	-1.506	-1.510	0.51	0.39	34.616	27.860	30.253	32.618	37.269	22.6	0.056	1444.0	148
67	1	175	-1.611	-1.615	0.42	0.29	34.651	27.892	30.286	32.653	37.306	19.4	0.061	1444.0	173
67	1	200	-1.816	-1.820	0.24	0.09	34.684	27.925	30.322	32.692	37.351	16.1	0.065	1443.4	197
67	1	225	-1.848	-1.853	0.23	0.06	34.715	27.951	30.348	32.719	37.379	13.5	0.069	1443.7	222
67	1	250	-1.883	-1.888	0.21	0.02	34.732	27.966	30.363	32.734	37.396	11.9	0.072	1444.0	247
67	1	275	-1.893	-1.899	0.22	0.02	34.744	27.976	30.374	32.745	37.406	10.8	0.075	1444.4	271
67	1	300	-1.893	-1.900	0.24	0.02	34.751	27.981	30.379	32.750	37.412	10.1	0.078	1444.8	296
67	1	325	-1.895	-1.902	0.26	0.01	34.758	27.987	30.385	32.756	37.417	9.4	0.080	1445.2	321
67	1	350	-1.896	-1.904	0.28	0.01	34.765	27.993	30.391	32.762	37.423	8.8	0.082	1445.6	345
67	1	375	-1.896	-1.904	0.30	0.01	34.771	27.998	30.396	32.767	37.428	8.2	0.084	1446.0	370
67	1	400	-1.896	-1.905	0.31	0.01	34.776	28.002	30.400	32.771	37.432	7.6	0.086	1446.4	395
67	1	425	-1.898	-1.908	0.33	0.01	34.785	28.009	30.407	32.778	37.439	6.8	0.088	1446.8	420
67	1	450	-1.897	-1.908	0.35	0.01	34.792	28.015	30.413	32.784	37.445	6.1	0.090	1447.3	444
67	1	475	-1.897	-1.908	0.37	0.01	34.800	28.022	30.419	32.790	37.451	5.4	0.091	1447.7	469
67	1	500	-1.896	-1.908	0.39	0.02	34.809	28.029	30.427	32.797	37.459	4.6	0.092	1448.1	494
67	1	550	-1.896	-1.909	0.43	0.02	34.826	28.043	30.440	32.811	37.472	3.0	0.094	1449.0	543
67	1	600	-1.894	-1.909	0.47	0.02	34.835	28.050	30.448	32.818	37.479	2.1	0.096	1449.8	592
67	1	614	-1.895	-1.910	0.48	0.02	34.849	28.061	30.459	32.830	37.491	0.9	0.096	1450.0	606

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.198	171.362	613	3	1005		0	4.		0149	31	JAN	1984	PS	84	2	67

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
67	2	0	0.868	0.868	2.75	2.75	34.367	27.545	29.902	32.233	36.816	53.1	0.000	1452.2	0
67	2	10	0.867	0.867	2.76	2.75	34.366	27.544	29.902	32.233	36.815	53.2	0.005	1452.4	9
67	2	20	0.865	0.864	2.77	2.75	34.368	27.546	29.903	32.234	36.817	53.1	0.011	1452.6	19
67	2	30	0.840	0.839	2.75	2.73	34.369	27.548	29.906	32.238	36.821	52.9	0.016	1452.6	29
67	2	40	0.633	0.631	2.55	2.52	34.373	27.565	29.925	32.260	36.849	51.3	0.021	1451.8	39
67	2	50	0.589	0.587	2.51	2.48	34.380	27.573	29.934	32.269	36.860	50.5	0.026	1451.8	49
67	2	60	-0.860	-0.862	1.07	1.03	34.397	27.659	30.042	32.399	37.032	42.1	0.031	1445.3	59
67	2	70	-1.248	-1.250	0.70	0.64	34.444	27.712	30.101	32.463	37.107	37.0	0.035	1443.7	69
67	2	80	-1.330	-1.332	0.62	0.56	34.486	27.749	30.139	32.502	37.149	33.5	0.038	1443.5	79
67	2	90	-1.254	-1.256	0.71	0.64	34.515	27.770	30.159	32.521	37.164	31.5	0.042	1444.1	89
67	2	100	-1.129	-1.132	0.84	0.77	34.554	27.797	30.184	32.543	37.183	28.9	0.045	1444.9	98
67	2	125	-1.299	-1.302	0.69	0.60	34.594	27.836	30.225	32.587	37.231	25.1	0.051	1444.6	123
67	2	150	-1.540	-1.543	0.47	0.36	34.626	27.869	30.262	32.628	37.280	21.7	0.057	1443.9	148
67	2	175	-1.704	-1.708	0.33	0.20	34.663	27.905	30.300	32.668	37.324	18.2	0.062	1443.5	173
67	2	200	-1.815	-1.819	0.24	0.09	34.692	27.931	30.328	32.698	37.358	15.5	0.066	1443.5	197
67	2	225	-1.862	-1.867	0.21	0.04	34.718	27.954	30.351	32.722	37.382	13.2	0.070	1443.7	222
67	2	250	-1.881	-1.886	0.21	0.03	34.734	27.967	30.365	32.736	37.397	11.8	0.073	1444.0	247
67	2	275	-1.890	-1.896	0.23	0.02	34.744	27.976	30.374	32.744	37.406	10.8	0.076	1444.4	271
67	2	300	-1.894	-1.901	0.24	0.01	34.747	27.978	30.376	32.747	37.409	10.4	0.079	1444.8	296
67	2	325	-1.894	-1.901	0.26	0.01	34.754	27.984	30.382	32.753	37.414	9.8	0.081	1445.2	321
67	2	350	-1.892	-1.900	0.28	0.02	34.762	27.990	30.388	32.759	37.420	9.0	0.083	1445.6	345
67	2	375	-1.898	-1.906	0.29	0.01	34.767	27.995	30.393	32.764	37.425	8.5	0.086	1446.0	370
67	2	400	-1.897	-1.906	0.31	0.01	34.776	28.002	30.400	32.771	37.432	7.6	0.088	1446.4	395
67	2	425	-1.897	-1.907	0.33	0.01	34.782	28.007	30.405	32.776	37.437	7.0	0.090	1446.8	420
67	2	450	-1.897	-1.908	0.35	0.01	34.790	28.013	30.411	32.782	37.443	6.3	0.091	1447.3	444
67	2	475	-1.897	-1.908	0.37	0.01	34.797	28.019	30.417	32.788	37.449	5.6	0.093	1447.7	469
67	2	500	-1.896	-1.908	0.39	0.02	34.807	28.027	30.425	32.796	37.457	4.7	0.094	1448.1	494
67	2	550	-1.896	-1.909	0.43	0.02	34.825	28.042	30.440	32.810	37.471	3.1	0.096	1449.0	543
67	2	600	-1.895	-1.910	0.47	0.02	34.836	28.051	30.449	32.819	37.480	2.0	0.097	1449.8	592
67	2	614	-1.896	-1.911	0.48	0.02	34.849	28.062	30.459	32.830	37.491	0.9	0.097	1450.0	606



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.178	169.908	634	3	1004	330	2	2.		0400	31	JAN	1984	PS	84	1	68

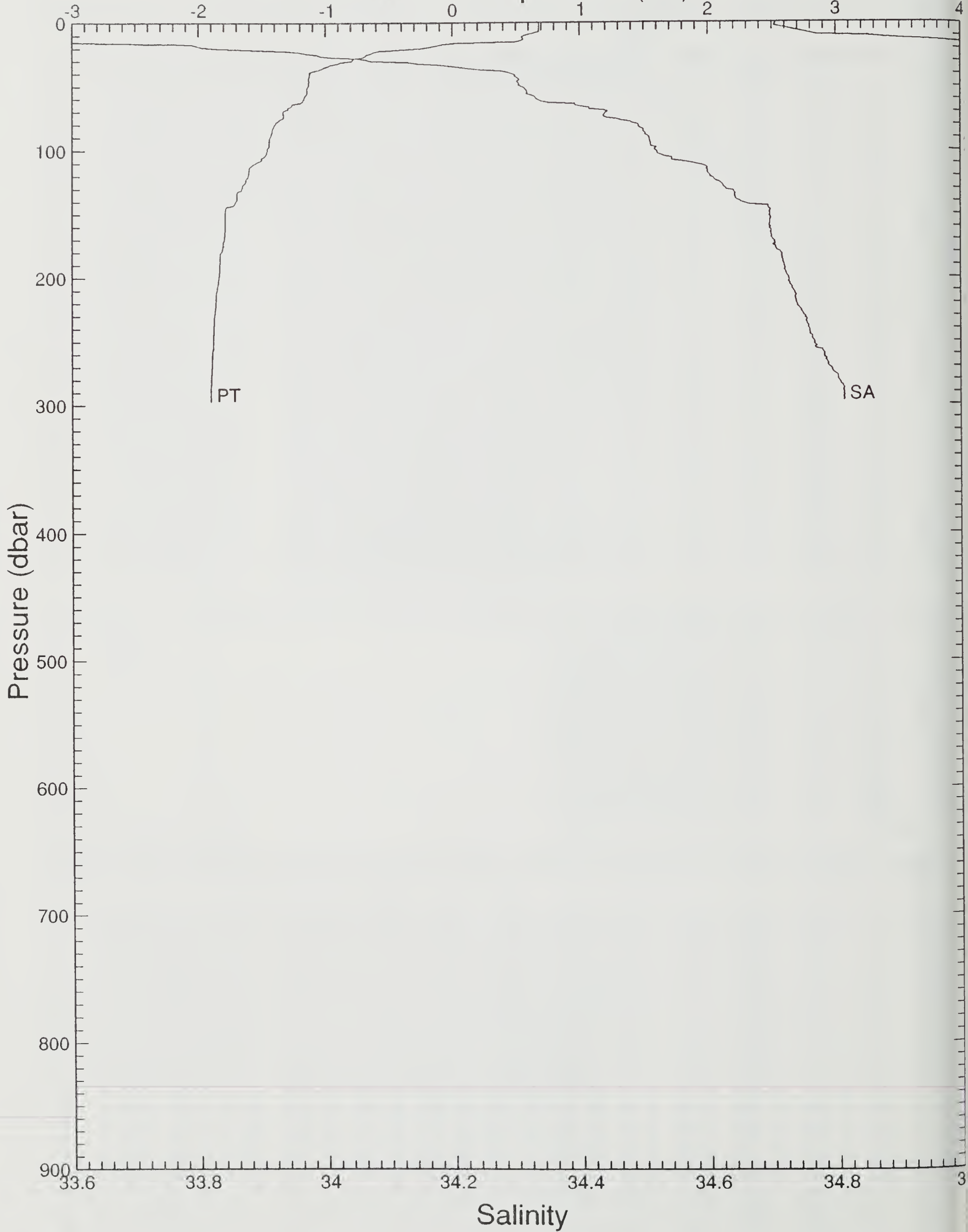
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
68	1	0	1.535	1.535	3.40	3.40	34.006	27.210	29.559	31.882	36.449	84.9	0.000	1454.7	0
68	1	10	1.516	1.516	3.40	3.39	34.136	27.316	29.665	31.987	36.554	74.9	0.008	1455.0	9
68	1	20	1.279	1.278	3.17	3.16	34.206	27.388	29.741	32.066	36.639	68.0	0.015	1454.2	19
68	1	30	0.360	0.359	2.26	2.24	34.258	27.488	29.853	32.192	36.790	58.6	0.022	1450.3	29
68	1	40	-1.274	-1.275	0.64	0.61	34.398	27.675	30.065	32.428	37.073	40.6	0.026	1443.0	39
68	1	50	-1.255	-1.256	0.68	0.64	34.479	27.741	30.130	32.492	37.136	34.4	0.030	1443.4	49
68	1	60	-1.205	-1.207	0.73	0.69	34.524	27.775	30.163	32.524	37.167	31.1	0.033	1443.9	59
68	1	70	-1.191	-1.193	0.76	0.71	34.554	27.799	30.187	32.548	37.189	28.8	0.036	1444.1	69
68	1	80	-1.206	-1.208	0.75	0.69	34.572	27.814	30.202	32.563	37.205	27.3	0.039	1444.2	79
68	1	90	-1.291	-1.293	0.68	0.61	34.587	27.830	30.219	32.581	37.225	25.8	0.042	1444.0	89
68	1	100	-1.445	-1.447	0.53	0.45	34.602	27.847	30.238	32.603	37.252	24.1	0.044	1443.5	98
68	1	125	-1.395	-1.398	0.60	0.51	34.632	27.870	30.260	32.624	37.271	21.9	0.050	1444.2	123
68	1	150	-1.793	-1.796	0.22	0.11	34.689	27.928	30.325	32.694	37.353	16.0	0.055	1442.7	148
68	1	175	-1.853	-1.857	0.19	0.05	34.731	27.964	30.361	32.732	37.392	12.5	0.058	1442.9	173
68	1	200	-1.886	-1.890	0.17	0.02	34.746	27.977	30.375	32.746	37.407	11.1	0.061	1443.2	197
68	1	225	-1.885	-1.890	0.19	0.02	34.755	27.984	30.382	32.753	37.414	10.3	0.064	1443.6	222
68	1	250	-1.892	-1.897	0.21	0.02	34.758	27.987	30.385	32.756	37.417	9.9	0.067	1444.0	247
68	1	275	-1.894	-1.900	0.22	0.02	34.763	27.991	30.389	32.760	37.421	9.3	0.069	1444.4	271
68	1	300	-1.892	-1.899	0.24	0.02	34.770	27.997	30.395	32.765	37.427	8.7	0.071	1444.8	296
68	1	325	-1.892	-1.899	0.26	0.02	34.774	28.000	30.398	32.769	37.430	8.2	0.073	1445.2	321
68	1	350	-1.893	-1.901	0.28	0.02	34.783	28.008	30.405	32.776	37.437	7.4	0.075	1445.6	345
68	1	375	-1.893	-1.902	0.30	0.02	34.788	28.012	30.409	32.780	37.441	6.9	0.077	1446.1	370
68	1	400	-1.892	-1.901	0.32	0.02	34.793	28.016	30.413	32.784	37.445	6.4	0.079	1446.5	395
68	1	425	-1.892	-1.902	0.34	0.02	34.800	28.021	30.419	32.790	37.451	5.7	0.080	1446.9	420
68	1	450	-1.892	-1.903	0.36	0.02	34.806	28.026	30.424	32.795	37.456	5.1	0.082	1447.3	444
68	1	475	-1.892	-1.903	0.38	0.02	34.814	28.033	30.430	32.801	37.462	4.3	0.083	1447.7	469
68	1	500	-1.892	-1.904	0.40	0.02	34.820	28.038	30.435	32.806	37.467	3.8	0.084	1448.2	494
68	1	550	-1.895	-1.908	0.43	0.02	34.832	28.048	30.445	32.816	37.477	2.6	0.085	1449.0	543
68	1	600	-1.897	-1.912	0.47	0.02	34.848	28.061	30.458	32.829	37.490	1.1	0.086	1449.8	592
68	1	635	-1.900	-1.916	0.49	0.02	34.866	28.075	30.473	32.844	37.505	-0.5	0.086	1450.4	627

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
68		4	1.490	1.490	34.012	27.218	7.61										12	4
68		22	1.496	1.495	34.198	27.367	8.20									2.33	11	22
68	4	40	-1.113	-1.114	34.423	27.690	7.23							2.67	1.23	10	40	
68		83	-1.196	-1.198	34.583	27.823	5.67										9	82
68	1	127	-1.545	-1.548	34.624	27.868	6.00										8	126
68	2	204	-1.886	-1.890	34.742	27.974	5.39										7	202
68	1	356	-1.897	-1.905	34.780	28.005	5.94										6	352
68		481	-1.894	-1.905	34.815	28.034	6.41										5	475
68		578	-1.895	-1.909	34.839	28.053	6.59										4	571
68		600	-1.896	-1.911	34.849	28.061	6.57										3	593
68		628	-1.900	-1.916	34.865	28.075	6.64										2	621
68		636	-1.900	-1.916	34.869	28.078	6.64							3.42	1.57	1	628	

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.178	169.908	634	3	1004	330	3	4.		0459	31	JAN	1984	PS	84	2	68

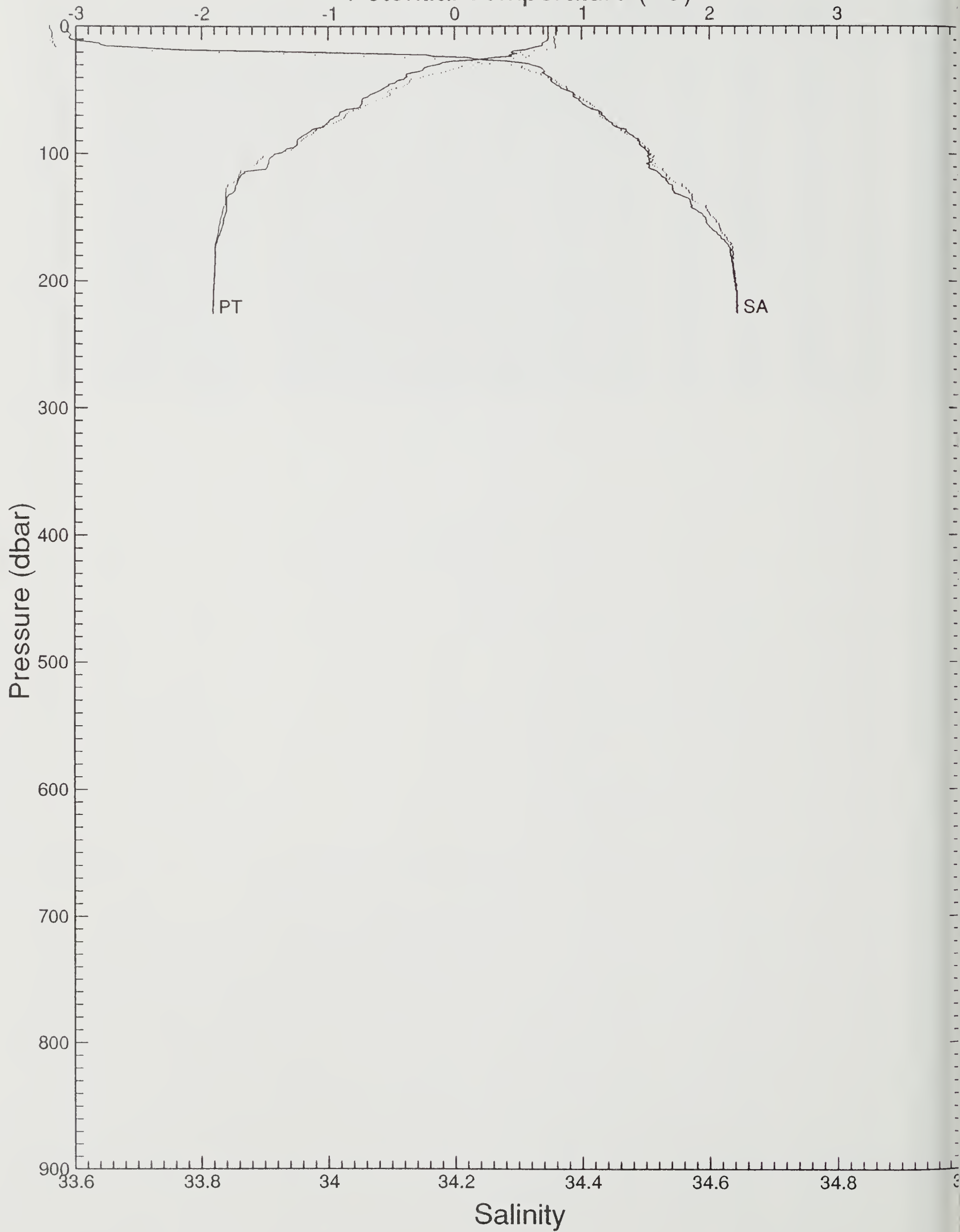
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
68	2	0	1.481	1.481	3.35	3.35	34.022	27.227	29.577	31.900	36.469	83.3	0.000	1454.5	0
68	2	10	1.505	1.505	3.38	3.37	34.059	27.255	29.604	31.927	36.495	80.7	0.008	1454.8	9
68	2	20	1.564	1.563	3.46	3.44	34.191	27.356	29.704	32.026	36.591	71.1	0.016	1455.4	19
68	2	30	-0.091	-0.092	1.81	1.79	34.287	27.535	29.907	32.253	36.864	54.0	0.022	1448.3	29
68	2	40	-1.113	-1.114	0.81	0.78	34.425	27.692	30.079	32.439	37.079	39.1	0.027	1443.8	39
68	2	50	-1.230	-1.231	0.70	0.66	34.496	27.753	30.142	32.504	37.147	33.2	0.030	1443.5	49
68	2	60	-1.237	-1.238	0.70	0.66	34.525	27.777	30.166	32.527	37.170	30.9	0.034	1443.7	59
68	2	70	-1.175	-1.177	0.77	0.72	34.549	27.795	30.182	32.543	37.184	29.2	0.037	1444.2	69
68	2	80	-1.188	-1.190	0.77	0.71	34.569	27.811	30.199	32.559	37.201	27.6	0.039	1444.3	79
68	2	90	-1.161	-1.163	0.80	0.74	34.577	27.817	30.204	32.564	37.204	27.1	0.042	1444.6	89
68	2	100	-1.280	-1.282	0.69	0.62	34.593	27.834	30.223	32.585	37.229	25.4	0.045	1444.2	98
68	2	125	-1.556	-1.559	0.44	0.34	34.621	27.866	30.259	32.625	37.277	22.1	0.051	1443.4	123
68	2	150	-1.791	-1.794	0.23	0.11	34.687	27.926	30.323	32.693	37.351	16.2	0.055	1442.7	148
68	2	175	-1.866	-1.870	0.17	0.04	34.726	27.960	30.358	32.728	37.389	12.8	0.059	1442.8	173
68	2	200	-1.881	-1.885	0.18	0.03	34.741	27.973	30.371	32.741	37.402	11.5	0.062	1443.2	197
68	2	225	-1.889	-1.894	0.19	0.02	34.749	27.980	30.377	32.748	37.410	10.7	0.065	1443.6	222
68	2	250	-1.901	-1.906	0.20	0.01	34.756	27.986	30.384	32.755	37.416	10.0	0.068	1443.9	247
68	2	275	-1.900	-1.906	0.22	0.01	34.759	27.988	30.386	32.757	37.419	9.6	0.070	1444.4	271

Potential Temperature (°C)



LATITUDE		LONGITUDE		DEPTH	PING	BAROM	WDIR	WNSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.192		168.635		303	8	1003	10	3	-1.		0650	31	JAN	1984	PS	84	2	69

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
69	2	0	0.683	0.683	2.51	2.51	33.306	26.702	29.067	31.405	36.002	133.0	0.000	1450.0	0
69	2	10	0.567	0.567	2.40	2.40	33.370	26.761	29.127	31.466	36.066	127.5	0.013	1449.7	9
69	2	20	-0.248	-0.249	1.62	1.61	33.829	27.173	29.549	31.899	36.518	88.3	0.024	1446.8	19
69	2	30	-0.791	-0.792	1.10	1.08	34.071	27.392	29.776	32.133	36.766	67.5	0.032	1444.7	29
69	2	40	-1.121	-1.122	0.79	0.76	34.293	27.585	29.973	32.333	36.975	49.2	0.037	1443.6	39
69	2	50	-1.135	-1.136	0.78	0.75	34.308	27.598	29.985	32.346	36.988	47.9	0.042	1443.7	49
69	2	60	-1.167	-1.169	0.76	0.72	34.332	27.618	30.006	32.368	37.011	46.0	0.047	1443.8	59
69	2	70	-1.333	-1.335	0.61	0.56	34.444	27.715	30.105	32.469	37.115	36.7	0.051	1443.3	69
69	2	80	-1.399	-1.401	0.55	0.49	34.491	27.755	30.146	32.511	37.159	32.9	0.055	1443.2	79
69	2	90	-1.434	-1.436	0.53	0.46	34.508	27.770	30.162	32.527	37.176	31.4	0.058	1443.2	89
69	2	100	-1.454	-1.456	0.52	0.44	34.517	27.778	30.170	32.535	37.185	30.6	0.061	1443.3	98
69	2	125	-1.628	-1.631	0.37	0.27	34.618	27.866	30.260	32.627	37.281	22.1	0.068	1443.0	123
69	2	150	-1.785	-1.788	0.23	0.12	34.697	27.934	30.331	32.700	37.359	15.4	0.072	1442.8	148
69	2	175	-1.799	-1.803	0.24	0.11	34.701	27.938	30.335	32.704	37.363	15.0	0.076	1443.1	173
69	2	200	-1.835	-1.839	0.22	0.07	34.726	27.959	30.357	32.727	37.386	12.8	0.080	1443.4	197
69	2	225	-1.861	-1.866	0.22	0.05	34.744	27.975	30.372	32.743	37.403	11.2	0.083	1443.7	222
69	2	250	-1.876	-1.881	0.22	0.03	34.766	27.993	30.391	32.761	37.422	9.3	0.085	1444.1	247
69	2	275	-1.890	-1.896	0.23	0.02	34.797	28.019	30.416	32.787	37.448	6.8	0.087	1444.5	271
69	2	297	-1.896	-1.903	0.24	0.02	34.812	28.031	30.429	32.800	37.460	5.5	0.088	1444.8	293

Potential Temperature ($^{\circ}\text{C}$)

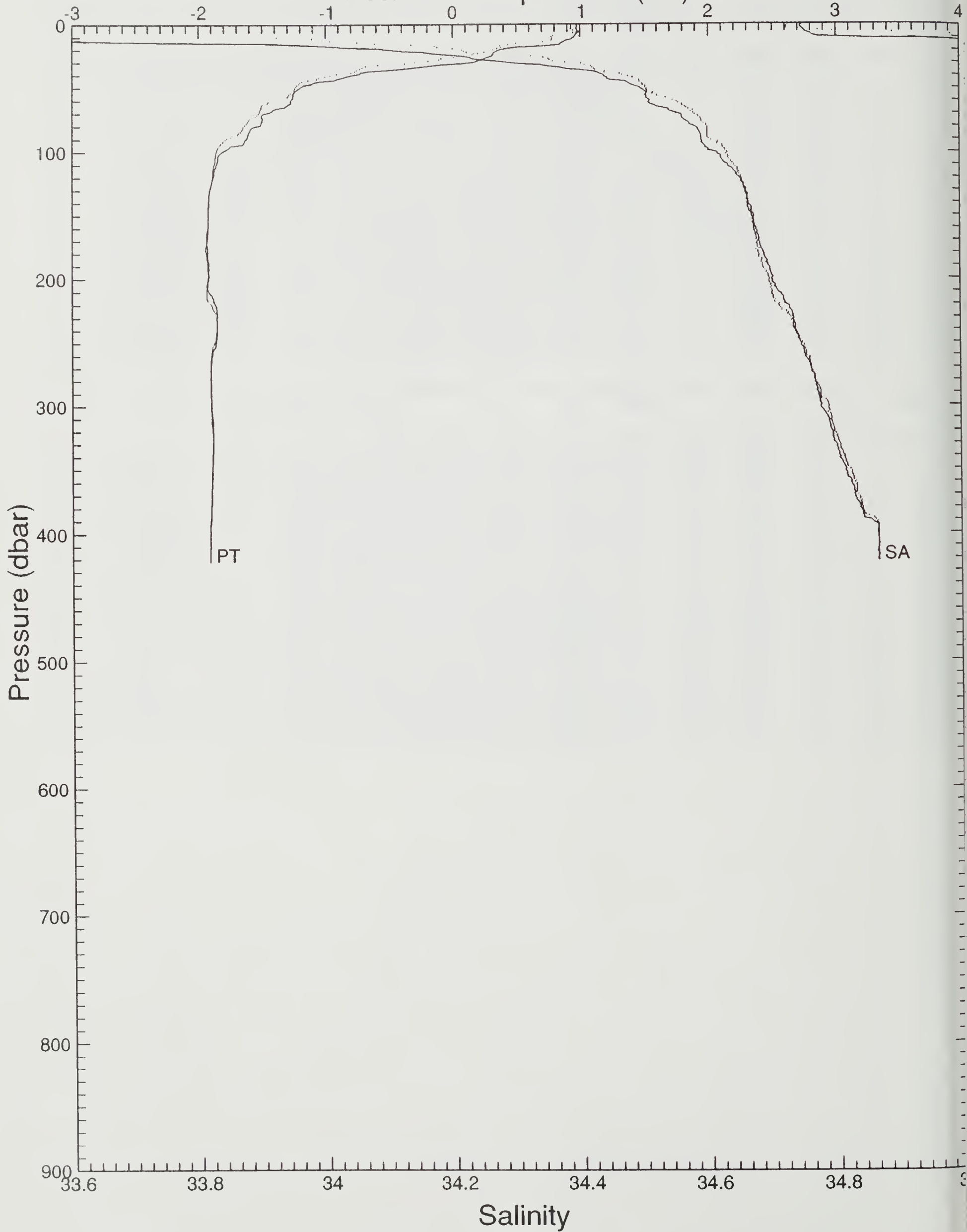
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.070	164.140	232	7	1001	320	3	0.		1320	02	FEB	1984	PS	84	1	70

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
70	1	0	0.736	0.736	2.58	2.58	33.589	26.927	29.290	31.626	36.219	111.7	0.000	1450.6	0
70	1	10	0.736	0.736	2.58	2.58	33.592	26.929	29.292	31.628	36.221	111.5	0.011	1450.8	9
70	1	20	0.445	0.444	2.32	2.31	33.998	27.273	29.639	31.977	36.575	78.9	0.021	1450.2	19
70	1	30	-0.155	-0.156	1.75	1.73	34.322	27.567	29.940	32.286	36.898	51.0	0.027	1448.0	29
70	1	40	-0.393	-0.394	1.52	1.49	34.353	27.603	29.980	32.329	36.948	47.5	0.032	1447.1	39
70	1	50	-0.591	-0.593	1.33	1.30	34.377	27.632	30.011	32.363	36.988	44.8	0.037	1446.4	49
70	1	60	-0.729	-0.731	1.20	1.16	34.401	27.657	30.038	32.393	37.022	42.4	0.041	1445.9	59
70	1	70	-0.912	-0.914	1.03	0.98	34.432	27.690	30.074	32.431	37.065	39.2	0.045	1445.3	69
70	1	80	-1.093	-1.095	0.86	0.80	34.460	27.719	30.106	32.466	37.105	36.3	0.049	1444.6	79
70	1	90	-1.239	-1.241	0.72	0.65	34.490	27.749	30.138	32.499	37.143	33.4	0.052	1444.1	89
70	1	100	-1.409	-1.411	0.56	0.48	34.504	27.766	30.157	32.522	37.170	31.7	0.056	1443.5	98
70	1	125	-1.724	-1.727	0.27	0.17	34.543	27.807	30.204	32.573	37.231	27.6	0.063	1442.5	123
70	1	150	-1.814	-1.817	0.20	0.09	34.594	27.851	30.249	32.619	37.279	23.3	0.069	1442.5	148
70	1	175	-1.881	-1.885	0.15	0.02	34.634	27.886	30.284	32.655	37.317	19.8	0.075	1442.6	173
70	1	200	-1.891	-1.895	0.16	0.01	34.642	27.893	30.291	32.662	37.325	19.1	0.080	1443.0	197
70	1	225	-1.896	-1.901	0.18	0.01	34.644	27.894	30.293	32.664	37.327	18.7	0.084	1443.4	222
70	1	226	-1.897	-1.902	0.18	0.01	34.645	27.895	30.294	32.665	37.327	18.7	0.085	1443.4	223

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.070	164.140	232	7	1001	330	3	0.		1335	02	FEB	1984	PS	84	2	70

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
70	2	0	0.809	0.809	2.65	2.65	33.558	26.898	29.259	31.595	36.186	114.5	0.000	1450.9	0
70	2	10	0.790	0.790	2.64	2.63	33.563	26.903	29.265	31.600	36.192	114.0	0.011	1451.0	9
70	2	20	0.524	0.523	2.39	2.38	33.828	27.132	29.497	31.835	36.432	92.3	0.022	1450.3	19
70	2	30	0.148	0.147	2.05	2.03	34.290	27.525	29.894	32.235	36.839	55.0	0.029	1449.4	29
70	2	40	-0.266	-0.267	1.65	1.62	34.348	27.593	29.968	32.315	36.931	48.5	0.034	1447.7	39
70	2	50	-0.516	-0.518	1.41	1.37	34.381	27.632	30.010	32.361	36.984	44.8	0.039	1446.7	49
70	2	60	-0.670	-0.672	1.26	1.22	34.413	27.664	30.045	32.398	37.025	41.7	0.043	1446.2	59
70	2	70	-0.861	-0.863	1.08	1.03	34.432	27.688	30.071	32.427	37.060	39.4	0.047	1445.5	69
70	2	80	-1.057	-1.059	0.90	0.83	34.459	27.717	30.103	32.462	37.101	36.5	0.051	1444.8	79
70	2	90	-1.210	-1.212	0.75	0.68	34.488	27.746	30.135	32.496	37.139	33.7	0.055	1444.3	89
70	2	100	-1.420	-1.422	0.55	0.47	34.509	27.771	30.162	32.527	37.175	31.3	0.058	1443.5	98
70	2	125	-1.787	-1.790	0.20	0.11	34.558	27.821	30.218	32.589	37.248	26.3	0.065	1442.2	123
70	2	150	-1.838	-1.841	0.17	0.06	34.607	27.863	30.260	32.631	37.292	22.2	0.071	1442.4	148
70	2	175	-1.884	-1.888	0.15	0.02	34.637	27.888	30.287	32.658	37.320	19.6	0.076	1442.6	173
70	2	200	-1.889	-1.893	0.16	0.01	34.641	27.892	30.290	32.661	37.324	19.1	0.081	1443.0	197
70	2	225	-1.897	-1.902	0.17	0.01	34.643	27.894	30.292	32.663	37.326	18.8	0.086	1443.4	222
70	2	226	-1.897	-1.902	0.18	0.01	34.645	27.895	30.294	32.665	37.327	18.7	0.086	1443.4	223

Potential Temperature (°C)

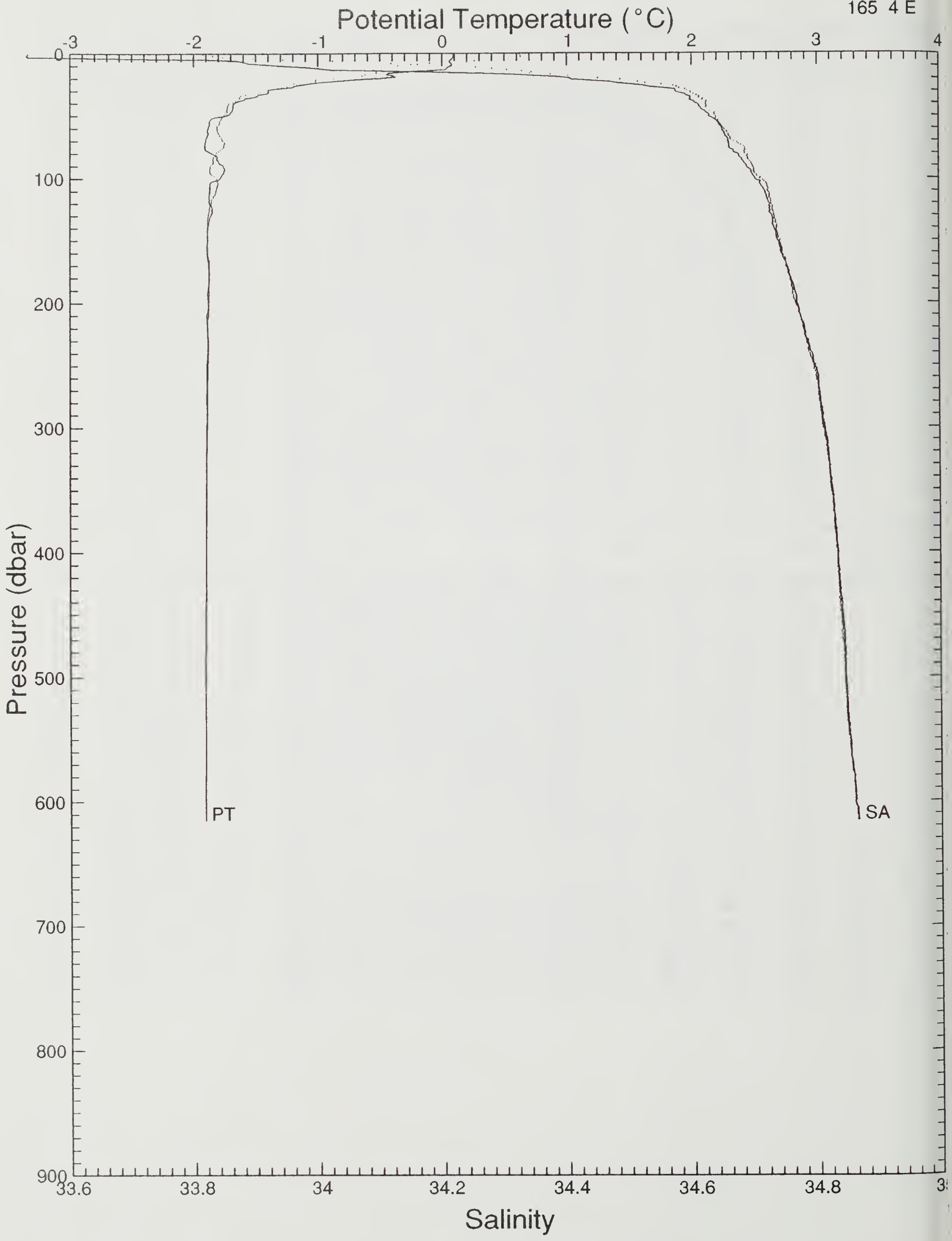


LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-77.075 164.675 422 3 1001 340 4 0. 1427 02 FEB 1984 PS 84 1 71

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
71	1	0	0.973	0.973	2.80	2.80	33.350	26.720	29.081	31.414	36.003	131.3	0.000	1451.4	0
71	1	10	0.955	0.955	2.79	2.78	33.371	26.738	29.099	31.433	36.021	129.6	0.013	1451.5	9
71	1	20	0.370	0.369	2.26	2.24	34.100	27.360	29.726	32.065	36.664	70.7	0.023	1450.0	19
71	1	30	0.166	0.165	2.07	2.05	34.285	27.520	29.888	32.230	36.833	55.5	0.029	1449.4	29
71	1	40	-0.790	-0.791	1.13	1.10	34.437	27.689	30.071	32.426	37.056	39.4	0.034	1445.4	39
71	1	50	-1.203	-1.204	0.73	0.69	34.493	27.750	30.138	32.499	37.142	33.5	0.038	1443.7	49
71	1	60	-1.273	-1.274	0.67	0.62	34.509	27.766	30.155	32.517	37.161	32.0	0.041	1443.5	59
71	1	70	-1.487	-1.489	0.46	0.41	34.550	27.806	30.198	32.564	37.214	28.1	0.044	1442.7	69
71	1	80	-1.558	-1.560	0.40	0.34	34.577	27.830	30.223	32.590	37.242	25.7	0.047	1442.6	79
71	1	90	-1.628	-1.630	0.34	0.27	34.590	27.843	30.237	32.605	37.259	24.5	0.049	1442.4	89
71	1	100	-1.819	-1.821	0.16	0.08	34.610	27.865	30.262	32.632	37.292	22.3	0.052	1441.7	98
71	1	125	-1.899	-1.901	0.10	0.00	34.656	27.904	30.303	32.674	37.336	18.4	0.057	1441.8	123
71	1	150	-1.922	-1.925	0.09	-0.02	34.671	27.917	30.316	32.687	37.350	17.0	0.061	1442.1	148
71	1	175	-1.928	-1.932	0.11	-0.02	34.682	27.926	30.325	32.697	37.360	16.0	0.065	1442.5	173
71	1	200	-1.918	-1.922	0.14	-0.01	34.700	27.941	30.339	32.711	37.373	14.5	0.069	1443.0	197
71	1	225	-1.851	-1.856	0.23	0.06	34.729	27.962	30.360	32.730	37.390	12.4	0.072	1443.7	222
71	1	250	-1.859	-1.864	0.24	0.05	34.744	27.975	30.372	32.743	37.403	11.1	0.075	1444.1	247
71	1	275	-1.900	-1.906	0.22	0.01	34.764	27.992	30.390	32.761	37.423	9.2	0.078	1444.4	271
71	1	300	-1.898	-1.905	0.24	0.01	34.776	28.002	30.400	32.771	37.432	8.2	0.080	1444.8	296
71	1	325	-1.882	-1.889	0.27	0.03	34.794	28.016	30.414	32.784	37.445	6.7	0.082	1445.3	321
71	1	350	-1.887	-1.895	0.29	0.03	34.814	28.033	30.430	32.801	37.461	5.1	0.083	1445.7	345
71	1	375	-1.893	-1.902	0.30	0.02	34.830	28.046	30.443	32.814	37.475	3.7	0.085	1446.1	370
71	1	400	-1.904	-1.913	0.31	0.01	34.863	28.073	30.471	32.841	37.502	1.0	0.085	1446.5	395
71	1	422	-1.904	-1.914	0.33	0.01	34.864	28.074	30.471	32.842	37.503	0.8	0.085	1446.9	417

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-77.075 164.675 422 3 1001 330 3 0. 1450 02 FEB 1984 PS 84 2 71

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
71	2	0	0.927	0.927	2.75	2.75	33.325	26.703	29.064	31.399	35.988	132.9	0.000	1451.1	0
71	2	10	0.776	0.776	2.64	2.64	33.923	27.193	29.554	31.888	36.477	86.4	0.011	1451.4	9
71	2	20	0.316	0.315	2.21	2.19	34.215	27.456	29.822	32.161	36.761	61.6	0.018	1449.9	19
71	2	30	-0.296	-0.297	1.61	1.59	34.376	27.617	29.992	32.340	36.956	46.2	0.024	1447.4	29
71	2	40	-0.960	-0.961	0.96	0.93	34.466	27.719	30.104	32.461	37.096	36.5	0.028	1444.6	39
71	2	50	-1.241	-1.242	0.69	0.65	34.501	27.758	30.147	32.508	37.152	32.8	0.031	1443.5	49
71	2	60	-1.417	-1.418	0.52	0.48	34.545	27.800	30.191	32.555	37.204	28.7	0.034	1442.9	59
71	2	70	-1.527	-1.529	0.42	0.37	34.577	27.829	30.222	32.588	37.239	25.9	0.037	1442.6	69
71	2	80	-1.646	-1.648	0.31	0.25	34.597	27.849	30.244	32.611	37.266	23.9	0.040	1442.2	79
71	2	90	-1.785	-1.787	0.18	0.11	34.601	27.856	30.253	32.623	37.282	23.2	0.042	1441.7	89
71	2	100	-1.861	-1.863	0.11	0.04	34.630	27.882	30.280	32.651	37.312	20.7	0.044	1441.5	98
71	2	125	-1.897	-1.899	0.10	0.01	34.654	27.903	30.301	32.672	37.334	18.6	0.049	1441.8	123
71	2	150	-1.920	-1.923	0.10	-0.02	34.668	27.915	30.313	32.685	37.348	17.3	0.054	1442.1	148
71	2	175	-1.940	-1.944	0.10	-0.04	34.677	27.922	30.321	32.693	37.357	16.4	0.058	1442.4	173
71	2	200	-1.923	-1.927	0.13	-0.02	34.695	27.937	30.335	32.707	37.370	14.9	0.062	1442.9	197
71	2	225	-1.870	-1.875	0.21	0.04	34.715	27.951	30.349	32.720	37.381	13.4	0.065	1443.6	222
71	2	250	-1.872	-1.877	0.22	0.04	34.747	27.978	30.375	32.746	37.407	10.8	0.068	1444.1	247
71	2	275	-1.900	-1.906	0.22	0.01	34.765	27.993	30.391	32.762	37.423	9.2	0.071	1444.4	271
71	2	300	-1.893	-1.900	0.24	0.02	34.787	28.011	30.408	32.779	37.440	7.4	0.073	1444.8	296
71	2	325	-1.882	-1.889	0.27	0.03	34.800	28.021	30.419	32.789	37.450	6.3	0.075	1445.3	321
71	2	350	-1.891	-1.899	0.29	0.02	34.821	28.038	30.436	32.807	37.467	4.5	0.076	1445.7	345
71	2	375	-1.895	-1.904	0.30	0.02	34.838	28.052	30.450	32.821	37.481	3.0	0.077	1446.1	370
71	2	400	-1.904	-1.913	0.31	0.01	34.864	28.074	30.471	32.842	37.503	0.9	0.077	1446.5	395
71	2	422	-1.904	-1.914	0.33	0.01	34.865	28.075	30.472	32.843	37.504	0.7	0.078	1446.9	417



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.080	165.075	614		1001	330	3	0.		1541	02	FEB	1984	PS	84	1	72

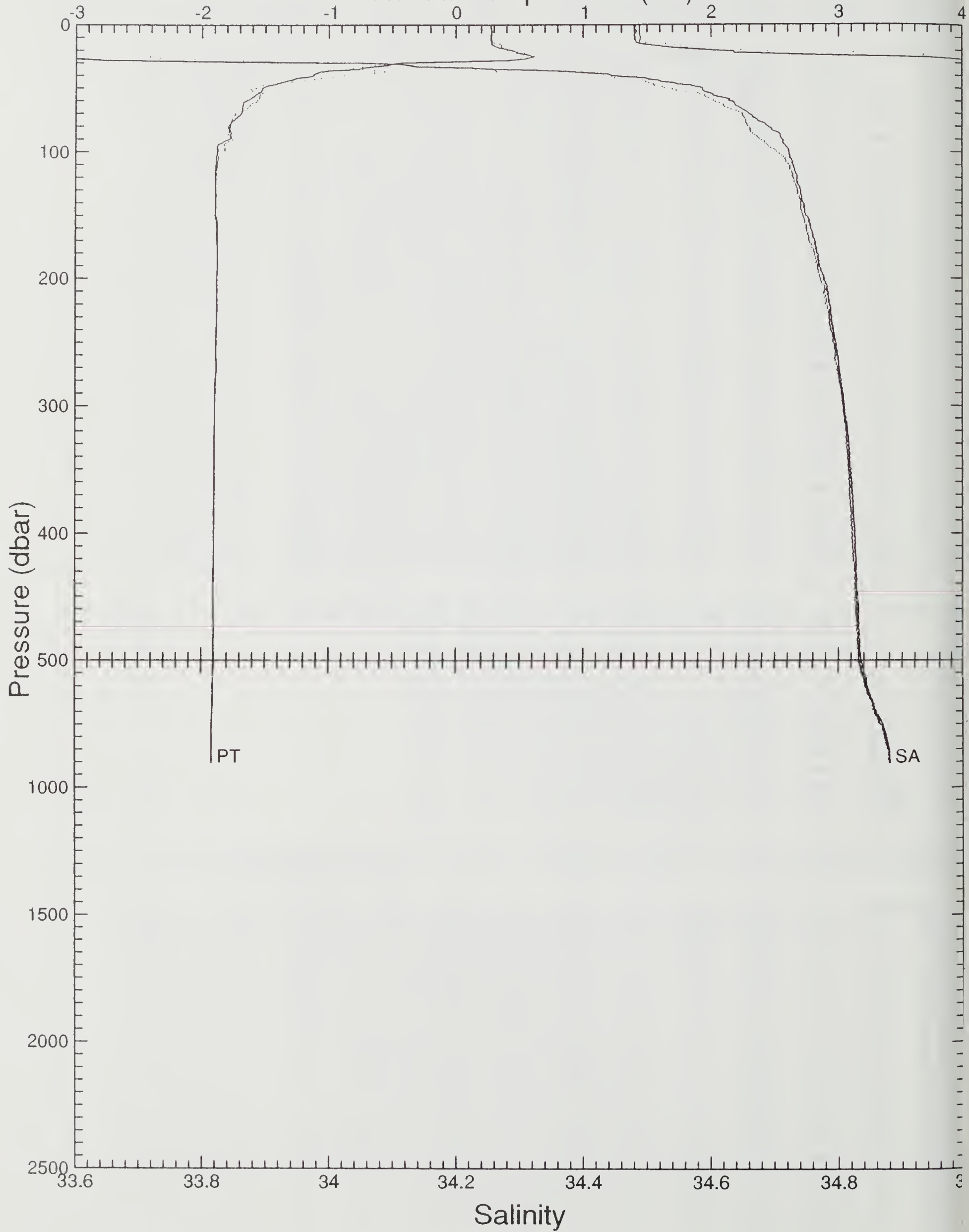
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
72	1	0	0.096	0.096	1.93	1.93	33.531	26.916	29.288	31.634	36.246	112.8	0.000	1447.6	0
72	1	10	0.078	0.078	1.95	1.94	33.945	27.251	29.621	31.966	36.575	81.0	0.010	1448.2	9
72	1	20	-0.488	-0.489	1.42	1.40	34.404	27.649	30.026	32.377	36.999	43.2	0.016	1446.4	19
72	1	30	-1.397	-1.398	0.52	0.50	34.574	27.823	30.213	32.577	37.225	26.7	0.019	1442.5	29
72	1	40	-1.672	-1.673	0.26	0.23	34.605	27.856	30.251	32.619	37.275	23.4	0.022	1441.4	39
72	1	50	-1.753	-1.754	0.19	0.15	34.629	27.878	30.274	32.644	37.301	21.3	0.024	1441.2	49
72	1	60	-1.882	-1.883	0.07	0.02	34.648	27.897	30.295	32.666	37.328	19.4	0.026	1440.8	59
72	1	70	-1.901	-1.902	0.05	0.00	34.659	27.907	30.305	32.676	37.339	18.5	0.028	1440.9	69
72	1	80	-1.846	-1.848	0.12	0.06	34.668	27.913	30.310	32.680	37.341	17.9	0.030	1441.3	79
72	1	90	-1.758	-1.760	0.21	0.15	34.688	27.926	30.322	32.691	37.349	16.5	0.032	1441.9	89
72	1	100	-1.788	-1.790	0.19	0.12	34.701	27.938	30.334	32.704	37.362	15.4	0.033	1442.0	98
72	1	125	-1.847	-1.850	0.15	0.06	34.724	27.958	30.355	32.726	37.386	13.3	0.037	1442.1	123
72	1	150	-1.883	-1.886	0.14	0.02	34.737	27.970	30.367	32.738	37.399	12.1	0.040	1442.4	148
72	1	175	-1.871	-1.875	0.17	0.04	34.754	27.983	30.381	32.751	37.412	10.7	0.043	1442.9	173
72	1	200	-1.877	-1.881	0.18	0.03	34.768	27.995	30.392	32.763	37.424	9.4	0.045	1443.3	197
72	1	225	-1.879	-1.884	0.20	0.03	34.782	28.006	30.404	32.774	37.435	8.2	0.048	1443.7	222
72	1	250	-1.888	-1.893	0.21	0.02	34.798	28.020	30.417	32.788	37.449	6.8	0.049	1444.1	247
72	1	275	-1.888	-1.894	0.23	0.02	34.805	28.025	30.423	32.793	37.454	6.2	0.051	1444.5	271
72	1	300	-1.887	-1.894	0.25	0.03	34.813	28.032	30.429	32.800	37.460	5.4	0.053	1444.9	296
72	1	325	-1.890	-1.897	0.27	0.02	34.818	28.036	30.433	32.804	37.465	4.9	0.054	1445.3	321
72	1	350	-1.892	-1.900	0.28	0.02	34.825	28.042	30.439	32.810	37.471	4.2	0.055	1445.7	345
72	1	375	-1.891	-1.900	0.30	0.02	34.829	28.045	30.442	32.813	37.474	3.8	0.056	1446.1	370
72	1	400	-1.892	-1.901	0.32	0.02	34.833	28.048	30.446	32.816	37.477	3.3	0.057	1446.5	395
72	1	425	-1.893	-1.903	0.34	0.02	34.836	28.051	30.448	32.819	37.480	2.9	0.058	1446.9	420
72	1	450	-1.894	-1.905	0.36	0.02	34.840	28.054	30.452	32.822	37.483	2.5	0.058	1447.4	444
72	1	475	-1.895	-1.906	0.38	0.02	34.842	28.056	30.453	32.824	37.485	2.2	0.059	1447.8	469
72	1	500	-1.896	-1.908	0.39	0.02	34.844	28.057	30.455	32.826	37.486	1.9	0.059	1448.2	494
72	1	550	-1.894	-1.907	0.43	0.02	34.851	28.063	30.461	32.831	37.492	1.1	0.060	1449.0	543
72	1	600	-1.897	-1.912	0.47	0.02	34.859	28.070	30.467	32.838	37.499	0.2	0.060	1449.8	592
72	1	615	-1.898	-1.913	0.48	0.02	34.864	28.074	30.471	32.842	37.503	-0.2	0.060	1450.1	607

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
72		3	0.632	0.632	33.866	27.156	9.60	3.7	0.38	47.9						2.55	12	3
72		17	-0.617	-0.618	34.370	27.627	8.99	13.6	1.29	68.6						1.75	11	17
72		51	-1.767	-1.768	34.642	27.889	6.46	27.9	2.15	77.0							10	50
72		72	-1.749	-1.750	34.668	27.910	6.63	27.9	2.12	75.5						1.23	9	71
72		101	-1.817	-1.819	34.719	27.953	6.57	28.9	2.17	75.5						1.45	8	100
72		118	-1.853	-1.855	34.729	27.962	6.51	29.7	2.20	75.2						1.24	7	117
72		302	-1.887	-1.894	34.811	28.030	6.62	30.0	2.17	76.7						1.50	5	299
72		304	-1.888	-1.895	34.812	28.031	6.66	30.0	2.18	76.7							6	301
72		507	-1.896	-1.908	34.846	28.059	6.63	30.2	2.19	77.9						1.45	3	501
72		510	-1.896	-1.908	34.847	28.060	6.61	30.3	2.19	78.0						1.44	4	504
72		615	-1.897	-1.912	34.864	28.074	6.74	30.3	2.21	79.0						1.56	2	607
72		616	-1.897	-1.912	34.866	28.075	6.68	30.3	2.20	79.0						1.42	1	608

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.072	165.148	614		1001	330	2	1.		1625	02	FEB	1984	PS	84	2	72

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
72	2	0	0.623	0.623	2.48	2.48	33.815	27.116	29.479	31.816	36.410	93.8	0.000	1450.4	0
72	2	10	-0.356	-0.356	1.53	1.52	34.214	27.489	29.865	32.215	36.834	58.4	0.008	1446.6	9
72	2	20	-0.870	-0.871	1.04	1.02	34.450	27.703	30.086	32.442	37.075	38.2	0.012	1444.7	19
72	2	30	-1.436	-1.437	0.49	0.46	34.593	27.839	30.231	32.595	37.243	25.1	0.016	1442.4	29
72	2	40	-1.713	-1.714	0.22	0.19	34.623	27.872	30.268	32.636	37.293	21.9	0.018	1441.3	39
72	2	50	-1.755	-1.756	0.18	0.15	34.637	27.885	30.281	32.650	37.308	20.7	0.020	1441.2	49
72	2	60	-1.811	-1.812	0.14	0.09	34.650	27.897	30.294	32.664	37.323	19.5	0.022	1441.1	59
72	2	70	-1.761	-1.762	0.20	0.14	34.663	27.906	30.302	32.671	37.329	18.6	0.024	1441.6	69
72	2	80	-1.820	-1.822	0.14	0.08	34.685	27.926	30.323	32.693	37.352	16.7	0.026	1441.5	79
72	2	90	-1.863	-1.865	0.11	0.04	34.697	27.937	30.334	32.705	37.366	15.6	0.027	1441.4	89
72	2	100	-1.810	-1.812	0.17	0.10	34.710	27.946	30.342	32.712	37.371	14.7	0.029	1441.9	98
72	2	125	-1.871	-1.874	0.13	0.04	34.729	27.963	30.360	32.731	37.392	12.9	0.032	1442.0	123
72	2	150	-1.886	-1.889	0.13	0.02	34.742	27.974	30.372	32.742	37.404	11.7	0.035	1442.4	148
72	2	175	-1.868	-1.872	0.17	0.04	34.756	27.985	30.382	32.753	37.413	10.5	0.038	1442.9	173
72	2	200	-1.873	-1.877	0.19	0.04	34.766	27.993	30.391	32.761	37.422	9.6	0.041	1443.3	197
72	2	225	-1.883	-1.888	0.20	0.03	34.782	28.006	30.404	32.775	37.435	8.2	0.043	1443.7	222
72	2	250	-1.879	-1.884	0.22	0.03	34.795	28.017	30.414	32.785	37.445	7.1	0.045	1444.1	247
72	2	275	-1.883	-1.889	0.23	0.03	34.802	28.023	30.420	32.791	37.451	6.4	0.047	1444.5	271

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.080	166.988	900	3	1003	110	4	-2.		1919	02	FEB	1984	PS	84	1	73

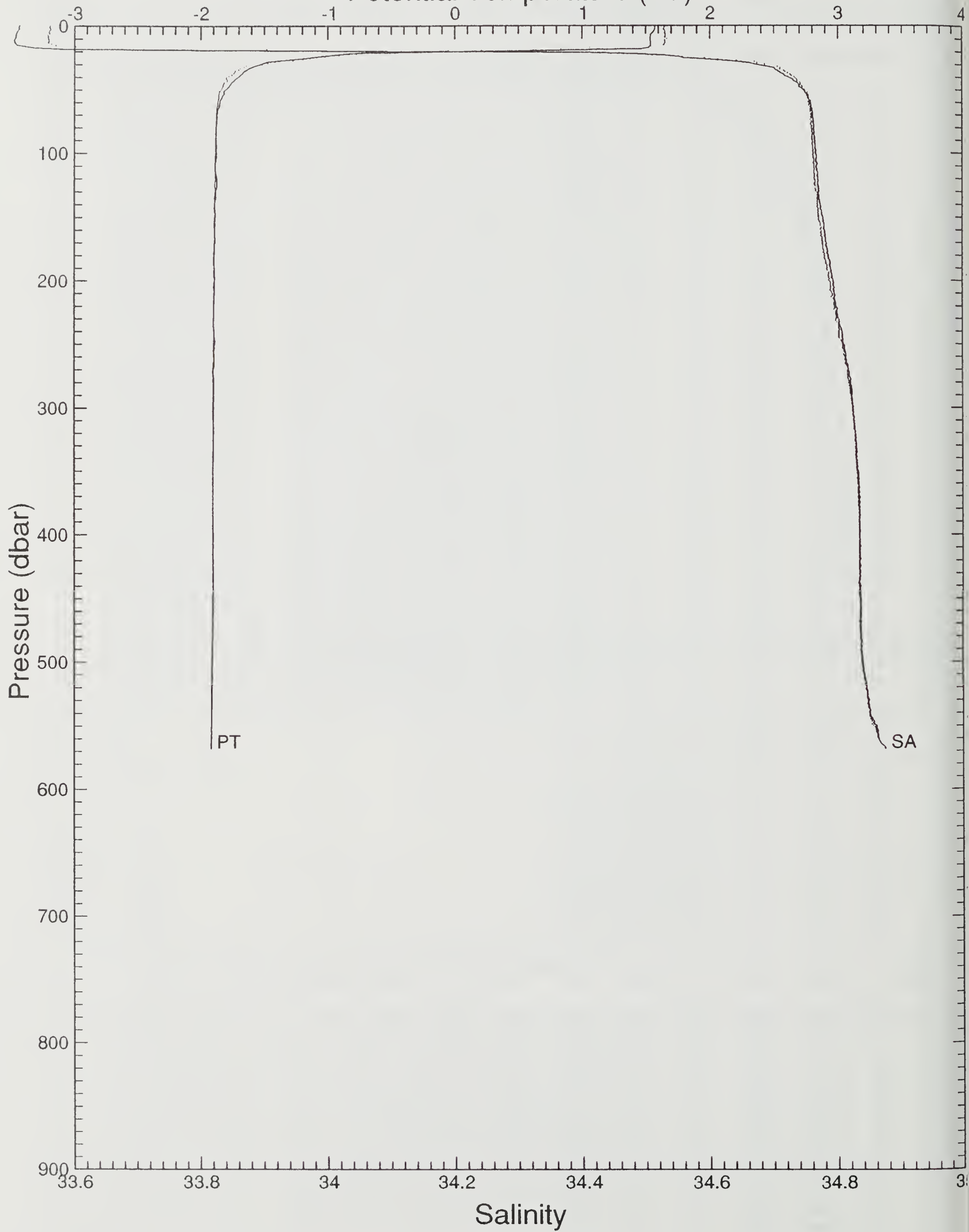
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
73	1	0	0.274	0.274	2.09	2.09	33.081	26.544	28.915	31.260	35.871	148.1	0.000	1447.8	0
73	1	10	0.278	0.278	2.10	2.09	33.081	26.543	28.915	31.260	35.870	148.1	0.015	1448.0	9
73	1	20	0.436	0.435	2.27	2.25	33.201	26.632	29.000	31.343	35.948	139.7	0.029	1449.1	19
73	1	30	-0.449	-0.450	1.44	1.42	34.054	27.364	29.742	32.094	36.718	70.2	0.040	1446.3	29
73	1	40	-1.117	-1.118	0.80	0.77	34.444	27.707	30.094	32.454	37.094	37.6	0.045	1443.8	39
73	1	50	-1.520	-1.521	0.42	0.38	34.587	27.837	30.230	32.595	37.247	25.2	0.048	1442.3	49
73	1	60	-1.653	-1.654	0.29	0.25	34.628	27.874	30.269	32.637	37.292	21.6	0.051	1441.9	59
73	1	70	-1.690	-1.691	0.27	0.21	34.659	27.901	30.296	32.664	37.320	19.1	0.053	1441.9	69
73	1	80	-1.789	-1.791	0.18	0.11	34.689	27.928	30.324	32.694	37.353	16.4	0.054	1441.6	79
73	1	90	-1.780	-1.782	0.19	0.13	34.711	27.946	30.342	32.711	37.369	14.7	0.056	1441.9	89
73	1	100	-1.874	-1.876	0.11	0.03	34.722	27.957	30.355	32.726	37.386	13.5	0.057	1441.6	98
73	1	125	-1.886	-1.889	0.11	0.02	34.736	27.969	30.367	32.738	37.399	12.3	0.061	1442.0	123
73	1	150	-1.887	-1.890	0.13	0.02	34.749	27.980	30.377	32.748	37.409	11.1	0.064	1442.4	148
73	1	175	-1.870	-1.874	0.17	0.04	34.765	27.992	30.390	32.760	37.420	9.8	0.066	1442.9	173
73	1	200	-1.874	-1.878	0.19	0.04	34.778	28.003	30.400	32.771	37.431	8.7	0.068	1443.3	197
73	1	225	-1.875	-1.880	0.21	0.04	34.788	28.011	30.408	32.779	37.439	7.8	0.071	1443.7	222
73	1	250	-1.880	-1.885	0.22	0.03	34.797	28.018	30.416	32.786	37.447	6.9	0.072	1444.1	247
73	1	275	-1.881	-1.887	0.24	0.03	34.803	28.023	30.421	32.791	37.452	6.3	0.074	1444.5	271
73	1	300	-1.887	-1.894	0.25	0.02	34.808	28.028	30.425	32.796	37.457	5.8	0.076	1444.9	296
73	1	325	-1.890	-1.897	0.27	0.02	34.816	28.034	30.432	32.802	37.463	5.0	0.077	1445.3	321
73	1	350	-1.891	-1.899	0.29	0.02	34.821	28.038	30.436	32.807	37.467	4.5	0.078	1445.7	345
73	1	375	-1.891	-1.900	0.30	0.02	34.824	28.041	30.438	32.809	37.470	4.1	0.079	1446.1	370
73	1	400	-1.892	-1.901	0.32	0.02	34.826	28.043	30.440	32.811	37.472	3.8	0.080	1446.5	395
73	1	425	-1.893	-1.903	0.34	0.02	34.829	28.045	30.443	32.813	37.474	3.5	0.081	1446.9	420
73	1	450	-1.894	-1.905	0.36	0.02	34.829	28.045	30.443	32.813	37.474	3.3	0.082	1447.3	444
73	1	475	-1.892	-1.903	0.38	0.02	34.831	28.047	30.444	32.815	37.476	3.0	0.083	1447.8	469
73	1	500	-1.895	-1.907	0.39	0.02	34.835	28.050	30.448	32.818	37.479	2.6	0.083	1448.2	494
73	1	550	-1.893	-1.906	0.43	0.02	34.840	28.054	30.452	32.822	37.483	2.0	0.085	1449.0	543
73	1	600	-1.895	-1.910	0.47	0.02	34.846	28.059	30.457	32.827	37.488	1.2	0.085	1449.8	592
73	1	650	-1.894	-1.911	0.51	0.02	34.853	28.065	30.462	32.833	37.494	0.4	0.086	1450.6	642
73	1	700	-1.896	-1.914	0.54	0.02	34.859	28.070	30.467	32.838	37.499	-0.3	0.086	1451.5	691
73	1	750	-1.898	-1.918	0.58	0.02	34.871	28.080	30.477	32.848	37.509	-1.5	0.085	1452.3	740
73	1	800	-1.898	-1.920	0.62	0.02	34.876	28.084	30.481	32.852	37.513	-2.1	0.084	1453.1	789
73	1	850	-1.896	-1.919	0.66	0.02	34.880	28.087	30.485	32.855	37.516	-2.7	0.083	1454.0	839
73	1	900	-1.894	-1.919	0.70	0.02	34.880	28.087	30.485	32.855	37.516	-3.0	0.082	1454.8	888
73	1	904	-1.894	-1.919	0.70	0.02	34.880	28.087	30.485	32.855	37.516	-3.0	0.082	1454.9	892

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
73		4	0.278	0.278	33.088	26.549	8.84										12	4
73		21	0.486	0.485	33.383	26.776	8.89										11	21
73		105	-1.871	-1.873	34.715	27.951	6.37								1.43	10	104	
73		206	-1.872	-1.876	34.782	28.006	6.63										8	204
73		210	-1.872	-1.876	34.786	28.009	6.66										9	208
73		407	-1.892	-1.901	34.827	28.043	6.65										6	402
73		411	-1.894	-1.903	34.829	28.045	6.67								1.59	7	406	
73		608	-1.894	-1.909	34.847	28.060	6.64										4	600
73		612	-1.895	-1.910	34.850	28.062	6.65								1.57	5	604	
73		903	-1.895	-1.920	34.883	28.089	6.66								1.65	3	892	
73		903	-1.895	-1.920	34.882	28.089	6.67								1.53	1	892	
73		905	-1.894	-1.919	34.885	28.091	6.66								1.47	2	894	

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.085	166.960	900	3	1003	80	3	-1.		2006	02	FEB	1984	PS	84	2	73

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
73	2	0	0.278	0.278	2.09	2.09	33.088	26.549	28.921	31.265	35.876	147.6	0.000	1447.9	0
73	2	10	0.272	0.272	2.09	2.08	33.090	26.551	28.923	31.268	35.878	147.4	0.015	1448.0	9
73	2	20	0.407	0.406	2.24	2.23	33.247	26.670	29.039	31.382	35.987	136.0	0.029	1449.0	19
73	2	30	-0.421	-0.422	1.47	1.45	34.051	27.360	29.738	32.090	36.712	70.5	0.039	1446.4	29
73	2	40	-0.879	-0.880	1.04	1.01	34.443	27.697	30.081	32.437	37.070	38.6	0.045	1445.0	39
73	2	50	-1.573	-1.574	0.36	0.32	34.527	27.790	30.184	32.551	37.204	29.7	0.048	1442.0	49
73	2	60	-1.562	-1.563	0.38	0.34	34.604	27.852	30.245	32.612	37.264	23.8	0.051	1442.3	59
73	2	70	-1.734	-1.735	0.22	0.17	34.649	27.894	30.290	32.658	37.316	19.7	0.053	1441.7	69
73	2	80	-1.774	-1.776	0.19	0.13	34.658	27.902	30.299	32.668	37.327	18.9	0.055	1441.7	79
73	2	90	-1.755	-1.757	0.22	0.15	34.676	27.916	30.312	32.681	37.339	17.5	0.057	1441.9	89
73	2	100	-1.829	-1.831	0.15	0.08	34.703	27.941	30.338	32.708	37.367	15.1	0.058	1441.8	98
73	2	125	-1.893	-1.896	0.11	0.01	34.733	27.967	30.365	32.736	37.397	12.5	0.062	1441.9	123

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.063	167.750	567		1004	110	7	-1.		0239	03	FEB	1984	PS	84	1	74

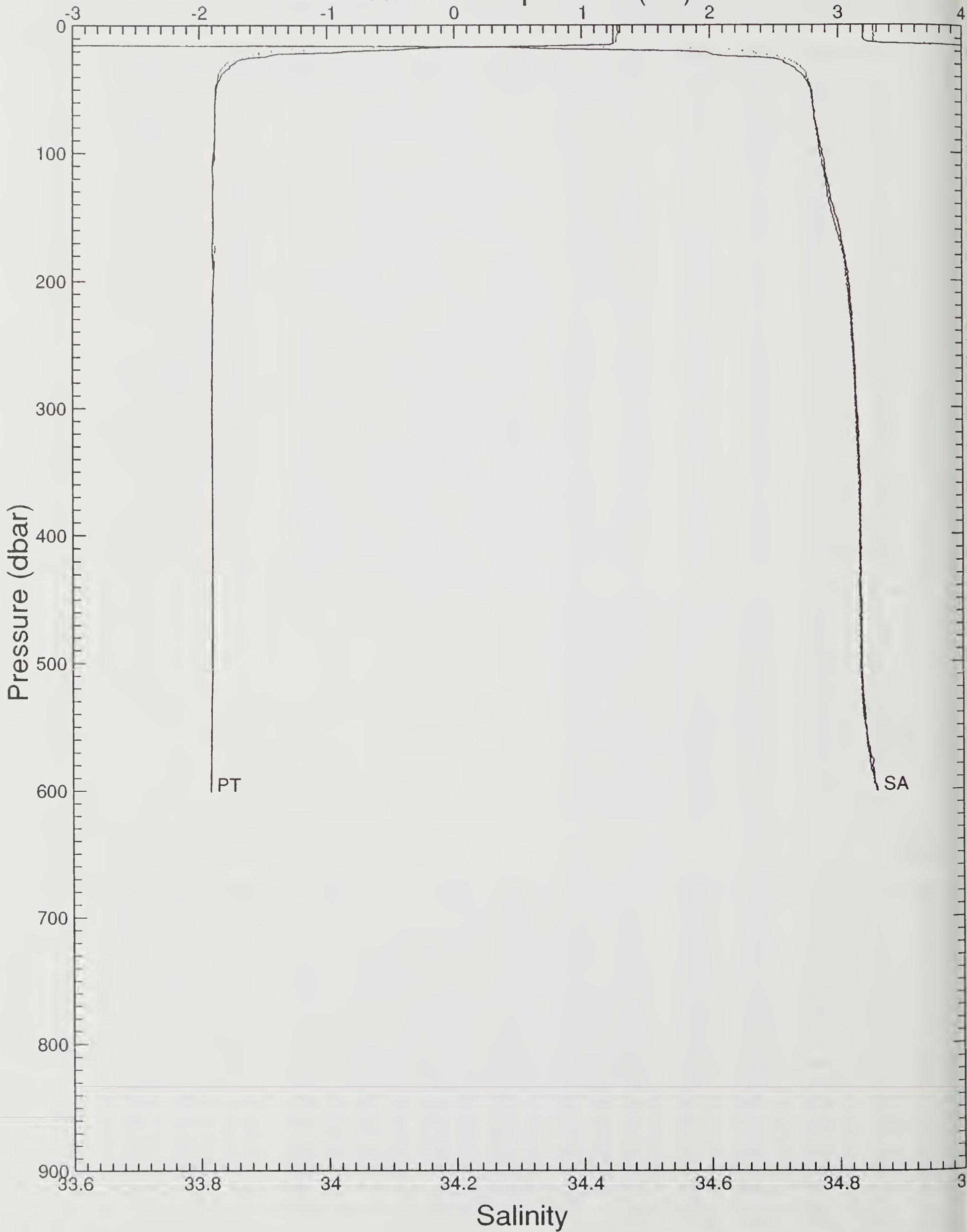
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
74	1	0	1.572	1.572	3.41	3.41	33.512	26.811	29.162	31.486	36.056	122.7	0.000	1454.3	0
74	1	10	1.535	1.535	3.38	3.37	33.505	26.808	29.159	31.484	36.056	123.0	0.012	1454.2	9
74	1	20	0.088	0.087	1.98	1.96	34.187	27.445	29.815	32.158	36.765	62.6	0.022	1448.8	19
74	1	30	-1.536	-1.537	0.39	0.37	34.670	27.905	30.298	32.663	37.314	18.9	0.026	1442.0	29
74	1	40	-1.709	-1.710	0.23	0.20	34.722	27.953	30.348	32.716	37.371	14.3	0.027	1441.4	39
74	1	50	-1.808	-1.809	0.14	0.10	34.745	27.974	30.371	32.740	37.399	12.2	0.029	1441.1	49
74	1	60	-1.848	-1.849	0.11	0.06	34.757	27.985	30.382	32.752	37.412	11.2	0.030	1441.1	59
74	1	70	-1.870	-1.871	0.09	0.04	34.761	27.989	30.386	32.757	37.417	10.7	0.031	1441.2	69
74	1	80	-1.875	-1.877	0.09	0.03	34.763	27.991	30.388	32.759	37.419	10.5	0.032	1441.3	79
74	1	90	-1.875	-1.877	0.10	0.03	34.764	27.991	30.389	32.759	37.420	10.4	0.033	1441.5	89
74	1	100	-1.873	-1.875	0.11	0.04	34.765	27.992	30.390	32.760	37.421	10.2	0.034	1441.6	98
74	1	125	-1.868	-1.871	0.14	0.04	34.769	27.995	30.393	32.763	37.423	9.8	0.037	1442.1	123
74	1	150	-1.883	-1.886	0.14	0.03	34.777	28.002	30.400	32.770	37.431	9.0	0.039	1442.4	148
74	1	175	-1.889	-1.893	0.15	0.02	34.784	28.008	30.406	32.776	37.437	8.3	0.041	1442.8	173
74	1	200	-1.883	-1.887	0.18	0.03	34.793	28.015	30.413	32.783	37.444	7.5	0.043	1443.3	197
74	1	225	-1.891	-1.896	0.19	0.02	34.799	28.020	30.418	32.789	37.450	6.9	0.045	1443.6	222
74	1	250	-1.889	-1.894	0.21	0.02	34.809	28.028	30.426	32.797	37.457	6.0	0.046	1444.1	247
74	1	275	-1.891	-1.897	0.23	0.02	34.818	28.036	30.433	32.804	37.465	5.1	0.048	1444.5	271
74	1	300	-1.894	-1.901	0.24	0.02	34.823	28.040	30.438	32.808	37.469	4.6	0.049	1444.9	296
74	1	325	-1.890	-1.897	0.27	0.02	34.827	28.043	30.441	32.811	37.472	4.2	0.050	1445.3	321
74	1	350	-1.894	-1.902	0.28	0.02	34.832	28.047	30.445	32.816	37.476	3.6	0.051	1445.7	345
74	1	375	-1.893	-1.902	0.30	0.02	34.835	28.050	30.447	32.818	37.479	3.3	0.052	1446.1	370
74	1	400	-1.891	-1.900	0.32	0.02	34.834	28.049	30.447	32.817	37.478	3.2	0.053	1446.5	395
74	1	425	-1.890	-1.900	0.34	0.02	34.835	28.050	30.447	32.818	37.479	3.0	0.054	1447.0	420
74	1	450	-1.889	-1.900	0.36	0.02	34.836	28.051	30.448	32.819	37.479	2.8	0.054	1447.4	444
74	1	475	-1.890	-1.901	0.38	0.02	34.836	28.051	30.448	32.819	37.479	2.7	0.055	1447.8	469
74	1	500	-1.895	-1.907	0.40	0.02	34.840	28.054	30.452	32.822	37.483	2.2	0.056	1448.2	494
74	1	550	-1.899	-1.912	0.43	0.02	34.861	28.071	30.469	32.840	37.500	0.3	0.056	1449.0	543
74	1	568	-1.902	-1.916	0.44	0.01	34.874	28.082	30.480	32.850	37.511	-0.8	0.056	1449.3	561

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
74		4	1.649	1.649	33.555	26.840	8.98										12	4
74		17	1.064	1.063	33.643	26.950	9.11										11	16
74		50	-1.842	-1.843	34.749	27.978	6.56										10	49
74		104	-1.883	-1.885	34.765	27.992	6.49										8	103
74		109	-1.882	-1.884	34.763	27.991	6.51										9	108
74		196	-1.891	-1.895	34.795	28.017	6.60										7	194
74		306	-1.889	-1.896	34.825	28.042	6.57										5	303
74		309	-1.893	-1.900	34.826	28.042	6.55										6	305
74		408	-1.891	-1.900	34.837	28.051	6.66										3	404
74		409	-1.890	-1.899	34.831	28.047	6.64										4	404
74		568	-1.902	-1.916	34.869	28.078	6.78										2	561
74		570	-1.902	-1.916	34.872	28.080	6.88										1	564

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.065	167.717	567		1004	110	7	-2.		0316	03	FEB	1984	PS	84	2	74

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
74	2	0	1.647	1.647	3.49	3.49	33.561	26.845	29.194	31.518	36.085	119.5	0.000	1454.6	0
74	2	10	1.664	1.664	3.51	3.50	33.558	26.841	29.191	31.514	36.081	119.9	0.012	1454.9	9
74	2	20	-0.249	-0.250	1.65	1.63	34.331	27.579	29.953	32.300	36.916	49.9	0.021	1447.4	19
74	2	30	-1.517	-1.518	0.41	0.39	34.686	27.917	30.310	32.675	37.325	17.7	0.024	1442.1	29
74	2	40	-1.798	-1.799	0.14	0.11	34.732	27.963	30.360	32.729	37.387	13.3	0.025	1441.0	39
74	2	50	-1.842	-1.843	0.10	0.07	34.748	27.977	30.374	32.745	37.404	11.9	0.027	1441.0	49
74	2	60	-1.864	-1.865	0.09	0.04	34.754	27.983	30.380	32.751	37.411	11.3	0.028	1441.0	59
74	2	70	-1.875	-1.876	0.09	0.03	34.758	27.987	30.384	32.755	37.415	10.9	0.029	1441.1	69
74	2	80	-1.876	-1.878	0.09	0.03	34.759	27.987	30.385	32.755	37.416	10.8	0.030	1441.3	79
74	2	90	-1.880	-1.882	0.10	0.03	34.760	27.988	30.386	32.756	37.417	10.7	0.031	1441.4	89
74	2	100	-1.881	-1.883	0.10	0.03	34.762	27.990	30.388	32.758	37.419	10.5	0.032	1441.6	98
74	2	125	-1.886	-1.889	0.12	0.02	34.764	27.992	30.389	32.760	37.421	10.1	0.035	1442.0	123
74	2	150	-1.885	-1.888	0.14	0.02	34.770	27.997	30.394	32.765	37.426	9.5	0.037	1442.4	148
74	2	175	-1.883	-1.887	0.16	0.03	34.777	28.002	30.400	32.770	37.431	8.9	0.040	1442.8	173
74	2	200	-1.886	-1.890	0.18	0.02	34.786	28.010	30.407	32.778	37.439	8.0	0.042	1443.2	197
74	2	225	-1.890	-1.895	0.19	0.02	34.797	28.019	30.416	32.787	37.448	7.0	0.044	1443.6	222
74	2	250	-1.880	-1.885	0.22	0.03	34.808	28.027	30.425	32.795	37.456	6.1	0.045	1444.1	247
74	2	275	-1.895	-1.901	0.22	0.02	34.816	28.034	30.432	32.803	37.464	5.3	0.047	1444.5	271
74	2	300	-1.888	-1.895	0.25	0.02	34.824	28.041	30.438	32.809	37.469	4.6	0.048	1444.9	296

Potential Temperature (°C)



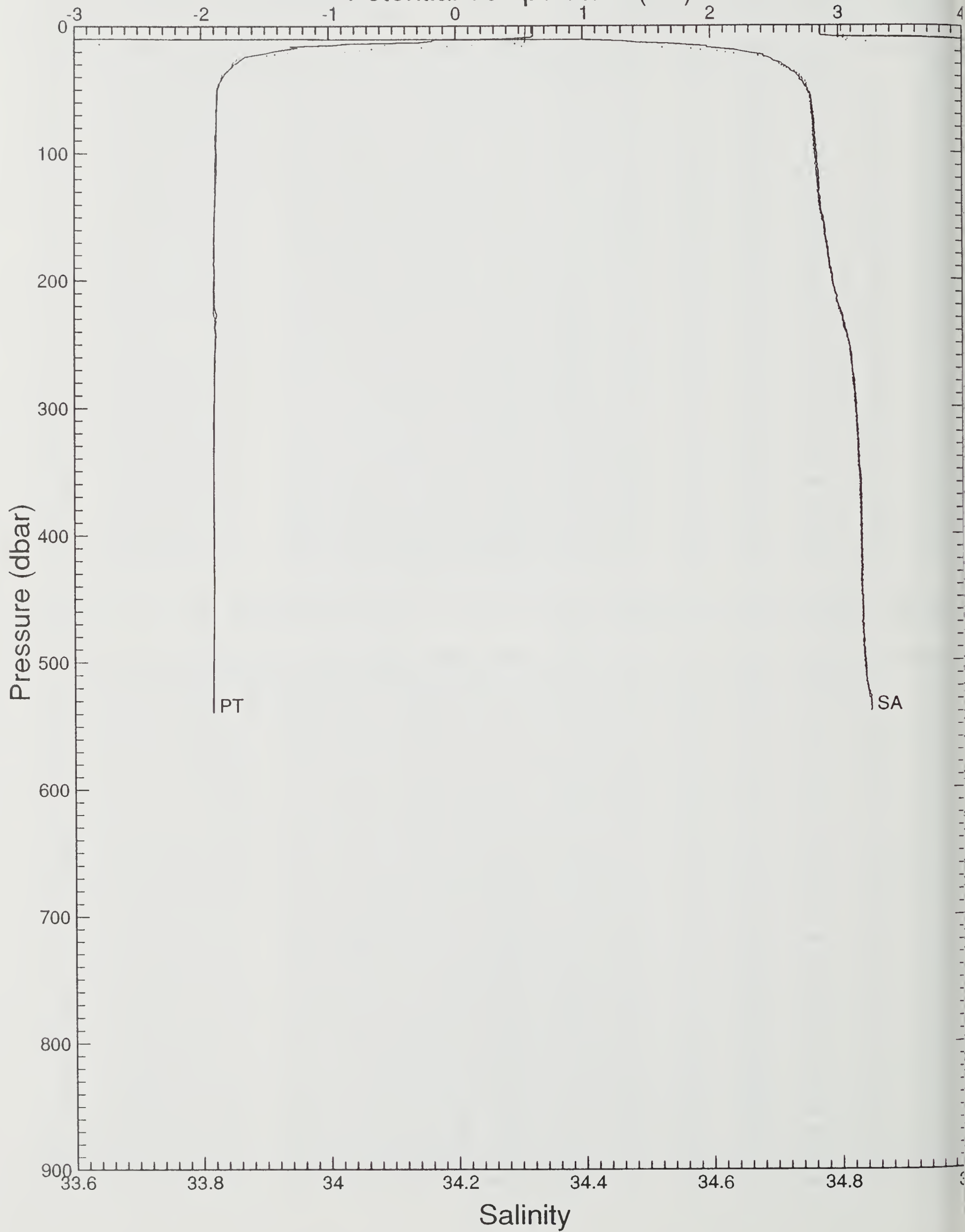
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.927	167.238	600		1004	90	6	-3.		0450	03	FEB	1984	PS	84	1	75

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
75	1	0	1.249	1.249	3.08	3.08	33.439	26.774	29.130	31.459	36.039	126.2	0.000	1452.7	0
75	1	10	1.249	1.249	3.09	3.08	33.439	26.774	29.130	31.459	36.039	126.2	0.013	1452.9	9
75	1	20	-0.839	-0.840	1.07	1.06	34.557	27.788	30.170	32.525	37.156	30.1	0.020	1445.0	19
75	1	30	-1.738	-1.739	0.19	0.17	34.720	27.952	30.347	32.716	37.372	14.5	0.023	1441.1	29
75	1	40	-1.832	-1.833	0.11	0.08	34.748	27.977	30.374	32.744	37.403	12.0	0.024	1440.9	39
75	1	50	-1.867	-1.868	0.08	0.04	34.759	27.987	30.384	32.755	37.415	11.0	0.025	1440.9	49
75	1	60	-1.875	-1.876	0.08	0.03	34.762	27.990	30.387	32.758	37.418	10.7	0.026	1441.0	59
75	1	70	-1.875	-1.876	0.09	0.03	34.763	27.991	30.388	32.759	37.419	10.6	0.027	1441.2	69
75	1	80	-1.876	-1.878	0.09	0.03	34.766	27.993	30.391	32.761	37.422	10.3	0.028	1441.3	79
75	1	90	-1.877	-1.879	0.10	0.03	34.770	27.996	30.394	32.764	37.425	9.9	0.029	1441.5	89
75	1	100	-1.888	-1.890	0.10	0.02	34.775	28.001	30.398	32.769	37.430	9.4	0.030	1441.6	98
75	1	125	-1.890	-1.893	0.11	0.02	34.785	28.009	30.407	32.777	37.438	8.5	0.033	1442.0	123
75	1	150	-1.891	-1.894	0.13	0.02	34.798	28.020	30.417	32.788	37.449	7.4	0.035	1442.4	148
75	1	175	-1.893	-1.897	0.15	0.02	34.809	28.029	30.426	32.797	37.458	6.4	0.036	1442.8	173
75	1	200	-1.885	-1.889	0.18	0.03	34.816	28.034	30.431	32.802	37.462	5.7	0.038	1443.3	197
75	1	225	-1.888	-1.893	0.19	0.02	34.822	28.039	30.437	32.807	37.468	5.1	0.039	1443.7	222
75	1	250	-1.891	-1.896	0.21	0.02	34.824	28.041	30.438	32.809	37.469	4.8	0.040	1444.1	247
75	1	275	-1.893	-1.899	0.23	0.02	34.826	28.042	30.440	32.811	37.471	4.5	0.042	1444.5	271
75	1	300	-1.894	-1.901	0.24	0.02	34.829	28.045	30.443	32.813	37.474	4.2	0.043	1444.9	296
75	1	325	-1.892	-1.899	0.27	0.02	34.830	28.046	30.443	32.814	37.475	3.9	0.044	1445.3	321
75	1	350	-1.891	-1.899	0.29	0.02	34.833	28.048	30.446	32.816	37.477	3.6	0.045	1445.7	345
75	1	375	-1.889	-1.898	0.31	0.02	34.833	28.048	30.446	32.816	37.477	3.5	0.045	1446.1	370
75	1	400	-1.889	-1.898	0.32	0.02	34.834	28.049	30.446	32.817	37.478	3.2	0.046	1446.5	395
75	1	425	-1.889	-1.899	0.34	0.02	34.834	28.049	30.446	32.817	37.478	3.1	0.047	1447.0	420
75	1	450	-1.888	-1.899	0.36	0.03	34.835	28.050	30.447	32.818	37.478	2.9	0.048	1447.4	444
75	1	475	-1.888	-1.899	0.38	0.03	34.836	28.051	30.448	32.819	37.479	2.7	0.049	1447.8	469
75	1	500	-1.889	-1.901	0.40	0.02	34.835	28.050	30.447	32.818	37.479	2.6	0.049	1448.2	494
75	1	550	-1.896	-1.909	0.43	0.02	34.842	28.056	30.453	32.824	37.485	1.8	0.050	1449.0	543
75	1	600	-1.900	-1.915	0.47	0.01	34.859	28.070	30.467	32.838	37.499	0.2	0.051	1449.8	592
75	1	601	-1.900	-1.915	0.47	0.01	34.860	28.071	30.468	32.839	37.500	0.1	0.051	1449.8	593

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.922	167.200	600		1004	100	5	-3.		0514	03	FEB	1984	PS	84	2	75

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
75	2	0	1.280	1.280	3.11	3.11	33.455	26.785	29.140	31.469	36.048	125.2	0.000	1452.9	0
75	2	10	1.272	1.272	3.11	3.11	33.455	26.786	29.141	31.470	36.049	125.1	0.013	1453.0	9
75	2	20	-1.434	-1.434	0.48	0.47	34.652	27.887	30.278	32.642	37.290	20.7	0.020	1442.3	19
75	2	30	-1.794	-1.795	0.14	0.11	34.736	27.966	30.363	32.732	37.390	13.1	0.022	1440.9	29
75	2	40	-1.851	-1.852	0.09	0.06	34.752	27.981	30.378	32.748	37.408	11.6	0.023	1440.8	39
75	2	50	-1.873	-1.874	0.07	0.04	34.759	27.987	30.385	32.755	37.416	11.0	0.024	1440.8	49
75	2	60	-1.873	-1.874	0.08	0.04	34.761	27.989	30.386	32.757	37.417	10.8	0.025	1441.0	59
75	2	70	-1.875	-1.876	0.09	0.03	34.763	27.991	30.388	32.759	37.419	10.6	0.026	1441.2	69
75	2	80	-1.874	-1.876	0.10	0.04	34.766	27.993	30.390	32.761	37.421	10.3	0.027	1441.3	79
75	2	90	-1.875	-1.877	0.10	0.03	34.769	27.995	30.393	32.763	37.424	10.0	0.028	1441.5	89
75	2	100	-1.879	-1.881	0.11	0.03	34.772	27.998	30.396	32.766	37.427	9.7	0.029	1441.6	98
75	2	125	-1.887	-1.890	0.12	0.02	34.781	28.006	30.403	32.774	37.435	8.8	0.031	1442.0	123
75	2	150	-1.885	-1.888	0.14	0.03	34.793	28.015	30.413	32.783	37.444	7.8	0.033	1442.4	148
75	2	175	-1.869	-1.873	0.17	0.04	34.807	28.026	30.424	32.794	37.454	6.6	0.035	1442.9	173
75	2	200	-1.884	-1.888	0.18	0.03	34.814	28.032	30.430	32.800	37.461	5.9	0.037	1443.3	197
75	2	225	-1.888	-1.893	0.19	0.02	34.819	28.037	30.434	32.805	37.465	5.4	0.038	1443.7	222
75	2	250	-1.893	-1.898	0.21	0.02	34.823	28.040	30.438	32.808	37.469	4.9	0.040	1444.1	247
75	2	275	-1.889	-1.895	0.23	0.02	34.825	28.042	30.439	32.810	37.470	4.6	0.041	1444.5	271
75	2	300	-1.893	-1.900	0.24	0.02	34.827	28.043	30.441	32.811	37.472	4.3	0.042	1444.9	296
75	2	325	-1.892	-1.899	0.27	0.02	34.829	28.045	30.442	32.813	37.474	4.0	0.043	1445.3	321
75	2	350	-1.891	-1.899	0.29	0.02	34.831	28.047	30.444	32.815	37.475	3.7	0.044	1445.7	345
75	2	375	-1.889	-1.898	0.31	0.02	34.833	28.048	30.446	32.816	37.477	3.5	0.045	1446.1	370
75	2	400	-1.889	-1.898	0.32	0.02	34.834	28.049	30.446	32.817	37.478	3.2	0.046	1446.5	395
75	2	425	-1.889	-1.899	0.34	0.02	34.834	28.049	30.446	32.817	37.478	3.1	0.046	1447.0	420
75	2	450	-1.888	-1.899	0.36	0.03	34.835	28.050	30.447	32.818	37.478	2.9	0.047	1447.4	444
75	2	475	-1.887	-1.898	0.38	0.03	34.835	28.050	30.447	32.818	37.478	2.8	0.048	1447.8	469
75	2	500	-1.888	-1.900	0.40	0.03	34.836	28.051	30.448	32.819	37.479	2.5	0.049	1448.2	494
75	2	550	-1.895	-1.908	0.43	0.02	34.841	28.055	30.453	32.823	37.484	1.9	0.050	1449.0	543
75	2	600	-1.900	-1.915	0.47	0.01	34.859	28.070	30.467	32.838	37.499	0.2	0.050	1449.8	592
75	2	601	-1.900	-1.915	0.47	0.01	34.858	28.069	30.467	32.837	37.498	0.3	0.050	1449.8	593

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.767	166.688	541	6	1003	130	3	-3.		0641	03	FEB	1984	PS	84	1	76

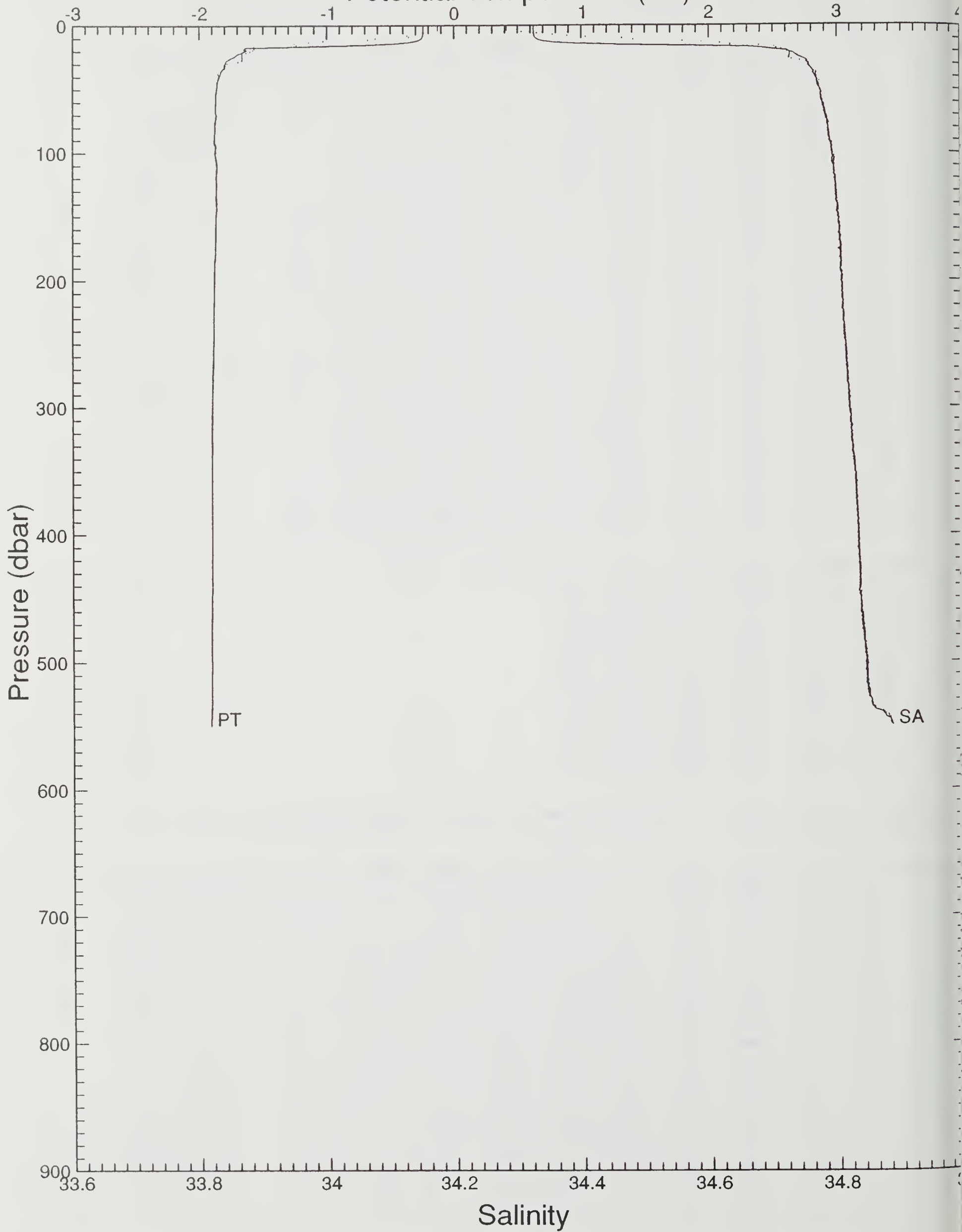
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
76	1	0	0.613	0.613	2.44	2.44	33.372	26.760	29.125	31.464	36.062	127.6	0.000	1449.8	0
76	1	10	0.409	0.409	2.27	2.26	33.760	27.084	29.450	31.790	36.391	96.8	0.011	1449.5	9
76	1	20	-1.445	-1.445	0.47	0.46	34.648	27.884	30.275	32.640	37.288	20.9	0.017	1442.2	19
76	1	30	-1.744	-1.745	0.18	0.16	34.713	27.946	30.342	32.710	37.367	15.0	0.019	1441.1	29
76	1	40	-1.825	-1.826	0.11	0.08	34.737	27.968	30.365	32.735	37.394	12.9	0.020	1440.9	39
76	1	50	-1.868	-1.869	0.08	0.04	34.753	27.982	30.380	32.750	37.411	11.5	0.022	1440.8	49
76	1	60	-1.875	-1.876	0.08	0.03	34.759	27.987	30.385	32.755	37.416	10.9	0.023	1441.0	59
76	1	70	-1.876	-1.877	0.09	0.03	34.760	27.988	30.386	32.756	37.417	10.8	0.024	1441.1	69
76	1	80	-1.877	-1.879	0.09	0.03	34.762	27.990	30.387	32.758	37.419	10.6	0.025	1441.3	79
76	1	90	-1.877	-1.879	0.10	0.03	34.764	27.991	30.389	32.760	37.420	10.4	0.026	1441.5	89
76	1	100	-1.877	-1.879	0.11	0.03	34.766	27.993	30.391	32.761	37.422	10.2	0.027	1441.6	98
76	1	125	-1.881	-1.884	0.12	0.03	34.770	27.996	30.394	32.765	37.425	9.7	0.029	1442.0	123
76	1	150	-1.891	-1.894	0.13	0.02	34.776	28.002	30.399	32.770	37.431	9.1	0.032	1442.4	148
76	1	175	-1.890	-1.894	0.15	0.02	34.784	28.008	30.406	32.776	37.437	8.3	0.034	1442.8	173
76	1	200	-1.891	-1.895	0.17	0.02	34.790	28.013	30.411	32.781	37.442	7.7	0.036	1443.2	197
76	1	225	-1.877	-1.882	0.20	0.03	34.804	28.024	30.421	32.792	37.452	6.5	0.038	1443.7	222
76	1	250	-1.881	-1.886	0.22	0.03	34.817	28.035	30.432	32.803	37.463	5.4	0.039	1444.1	247
76	1	275	-1.888	-1.894	0.23	0.02	34.823	28.040	30.437	32.808	37.468	4.8	0.040	1444.5	271
76	1	300	-1.891	-1.898	0.25	0.02	34.826	28.042	30.440	32.811	37.471	4.4	0.042	1444.9	296
76	1	325	-1.893	-1.900	0.26	0.02	34.829	28.045	30.442	32.813	37.474	4.0	0.043	1445.3	321
76	1	350	-1.894	-1.902	0.28	0.02	34.833	28.048	30.446	32.816	37.477	3.6	0.044	1445.7	345
76	1	375	-1.892	-1.901	0.30	0.02	34.833	28.048	30.446	32.816	37.477	3.4	0.044	1446.1	370
76	1	400	-1.891	-1.900	0.32	0.02	34.835	28.050	30.447	32.818	37.479	3.2	0.045	1446.5	395
76	1	425	-1.891	-1.901	0.34	0.02	34.837	28.051	30.449	32.820	37.480	2.9	0.046	1447.0	420
76	1	450	-1.890	-1.901	0.36	0.02	34.836	28.051	30.448	32.819	37.479	2.8	0.047	1447.4	444
76	1	475	-1.892	-1.903	0.38	0.02	34.836	28.051	30.448	32.819	37.480	2.7	0.047	1447.8	469
76	1	500	-1.895	-1.907	0.40	0.02	34.840	28.054	30.452	32.822	37.483	2.2	0.048	1448.2	494
76	1	539	-1.897	-1.910	0.42	0.02	34.848	28.061	30.458	32.829	37.490	1.4	0.049	1448.8	532

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
76		4	0.553	0.553	33.409	26.793	9.07									2.24	12	4
76		10	0.547	0.547	33.406	26.791	9.14									2.31	11	10
76		89	-1.888	-1.890	34.769	27.996	6.47									1.45	10	88
76		144	-1.890	-1.893	34.773	27.999	6.50									1.43	9	142
76		200	-1.894	-1.898	34.790	28.013	6.55									1.39	8	198
76		256	-1.884	-1.890	34.819	28.037	6.63									1.43	7	253
76		306	-1.891	-1.898	34.827	28.043	6.70									1.54	5	303
76	1	307	-1.892	-1.899	34.827	28.043	6.66									1.59	6	303
76		407	-1.891	-1.900	34.835	28.050	6.64									1.54	4	402
76	1	506	-1.894	-1.906	34.839	28.053	6.63									1.57	3	500
76		507	-1.894	-1.906	34.839	28.053	6.63									1.57	2	501
76		527	-1.896	-1.909	34.847	28.060	6.64									1.60	1	521

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.780	166.650	541		1003	130	3	-3.		0730	03	FEB	1984	PS	84	2	76

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
76	2	0	0.553	0.553	2.38	2.38	33.405	26.790	29.156	31.495	36.095	124.7	0.000	1449.5	0
76	2	10	0.547	0.547	2.39	2.38	33.408	26.792	29.159	31.498	36.098	124.5	0.013	1449.7	9
76	2	20	-0.867	-0.868	1.05	1.03	34.612	27.834	30.216	32.572	37.203	25.7	0.020	1444.9	19
76	2	30	-1.753	-1.754	0.18	0.15	34.708	27.942	30.338	32.707	37.364	15.3	0.022	1441.0	29
76	2	40	-1.837	-1.838	0.10	0.07	34.740	27.971	30.368	32.738	37.397	12.6	0.023	1440.8	39
76	2	50	-1.874	-1.875	0.07	0.03	34.753	27.982	30.380	32.750	37.411	11.4	0.025	1440.8	49
76	2	60	-1.871	-1.872	0.08	0.04	34.758	27.986	30.384	32.754	37.415	11.0	0.026	1441.0	59
76	2	70	-1.882	-1.883	0.08	0.03	34.758	27.987	30.384	32.755	37.416	10.9	0.027	1441.1	69
76	2	80	-1.878	-1.880	0.09	0.03	34.761	27.989	30.387	32.757	37.418	10.6	0.028	1441.3	79
76	2	90	-1.887	-1.889	0.09	0.02	34.762	27.990	30.388	32.758	37.419	10.5	0.029	1441.4	89
76	2	100	-1.884	-1.886	0.10	0.03	34.764	27.992	30.389	32.760	37.421	10.3	0.030	1441.6	98
76	2	125	-1.888	-1.891	0.12	0.02	34.768	27.995	30.393	32.763	37.424	9.8	0.033	1442.0	123
76	2	150	-1.894	-1.897	0.13	0.02	34.775	28.001	30.399	32.769	37.431	9.1	0.035	1442.4	148
76	2	175	-1.897	-1.901	0.14	0.01	34.782	28.007	30.404	32.775	37.436	8.4	0.037	1442.8	173
76	2	200	-1.894	-1.898	0.17	0.02	34.790	28.013	30.411	32.782	37.443	7.7	0.039	1443.2	197
76	2	225	-1.897	-1.902	0.18	0.01	34.803	28.024	30.422	32.792	37.453	6.6	0.041	1443.6	222
76	2	250	-1.882	-1.887	0.22	0.03	34.817	28.035	30.432	32.803	37.463	5.4	0.042	1444.1	247
76	2	275	-1.888	-1.894	0.23	0.02	34.822	28.039	30.437	32.807	37.468	4.8	0.044	1444.5	271
76	2	300	-1.893	-1.900	0.24	0.02	34.826	28.042	30.440	32.811	37.471	4.4	0.045	1444.9	296
76	2	325	-1.894	-1.901	0.26	0.02	34.829	28.045	30.443	32.813	37.474	4.0	0.046	1445.3	321

Potential Temperature (°C)



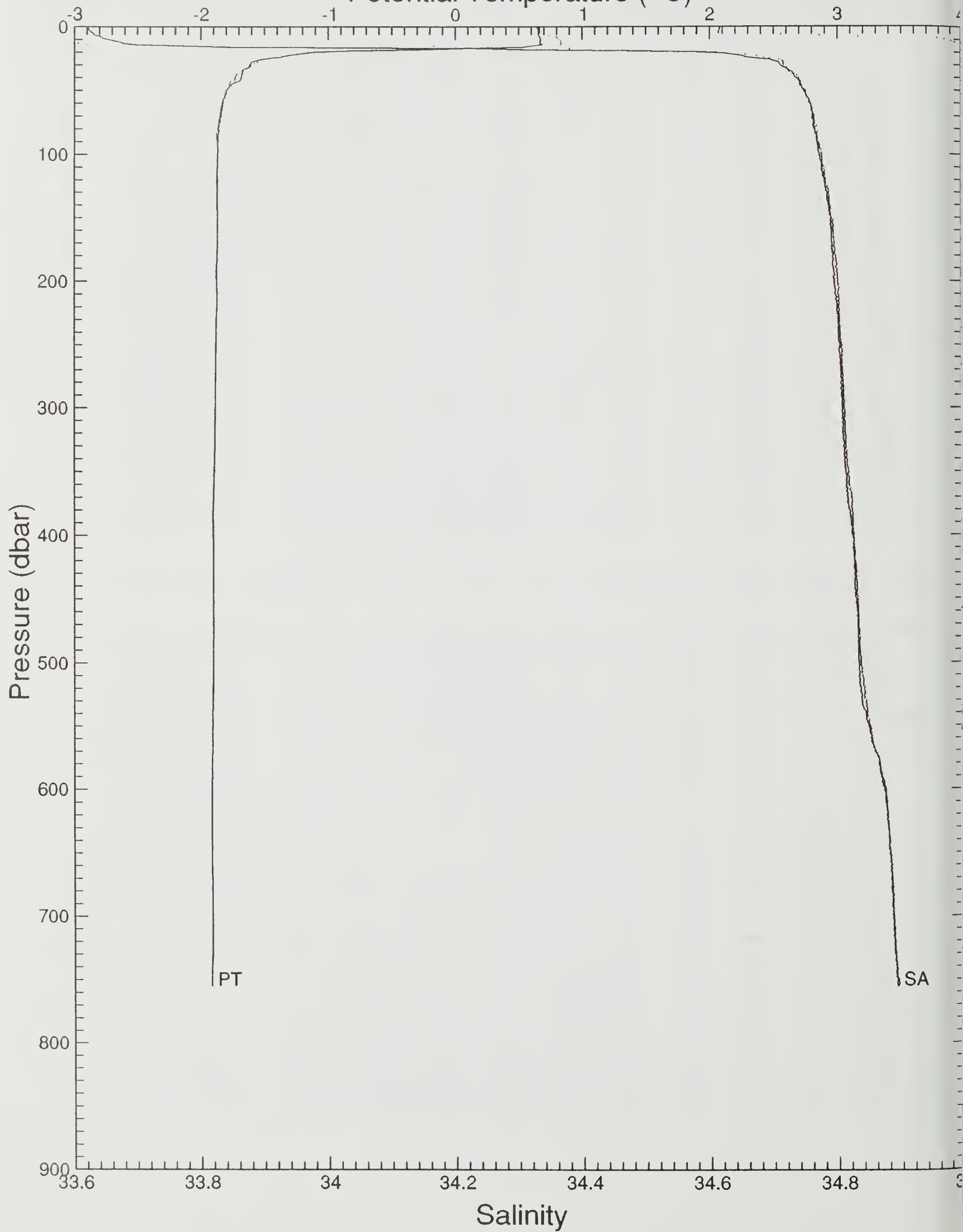
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.653	166.183	549	3	1003	160	3	-2.		0850	03	FEB	1984	PS	84	1	77

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
77	1	0	-0.243	-0.243	1.64	1.64	34.325	27.574	29.948	32.295	36.910	50.4	0.000	1447.1	0
77	1	10	-0.257	-0.257	1.63	1.63	34.329	27.577	29.952	32.299	36.915	50.0	0.005	1447.2	9
77	1	20	-1.651	-1.651	0.27	0.25	34.723	27.952	30.346	32.713	37.367	14.5	0.008	1441.4	19
77	1	30	-1.799	-1.800	0.13	0.11	34.756	27.983	30.379	32.748	37.407	11.5	0.010	1440.9	29
77	1	40	-1.841	-1.842	0.10	0.07	34.766	27.992	30.389	32.759	37.418	10.6	0.011	1440.8	39
77	1	50	-1.862	-1.863	0.09	0.05	34.774	27.999	30.396	32.767	37.427	9.9	0.012	1440.9	49
77	1	60	-1.868	-1.869	0.09	0.04	34.777	28.002	30.399	32.769	37.430	9.6	0.013	1441.0	59
77	1	70	-1.862	-1.863	0.10	0.05	34.782	28.006	30.403	32.773	37.433	9.1	0.014	1441.2	69
77	1	80	-1.873	-1.875	0.10	0.04	34.787	28.010	30.407	32.778	37.438	8.7	0.015	1441.4	79
77	1	90	-1.879	-1.881	0.10	0.03	34.789	28.012	30.409	32.780	37.440	8.4	0.015	1441.5	89
77	1	100	-1.875	-1.877	0.11	0.04	34.792	28.014	30.412	32.782	37.442	8.2	0.016	1441.7	98
77	1	125	-1.861	-1.864	0.14	0.05	34.798	28.019	30.416	32.786	37.446	7.6	0.018	1442.2	123
77	1	150	-1.864	-1.867	0.16	0.05	34.803	28.023	30.420	32.790	37.450	7.1	0.020	1442.6	148
77	1	175	-1.869	-1.873	0.17	0.04	34.806	28.025	30.423	32.793	37.453	6.7	0.022	1442.9	173
77	1	200	-1.876	-1.880	0.19	0.04	34.808	28.027	30.425	32.795	37.455	6.4	0.023	1443.3	197
77	1	225	-1.880	-1.885	0.20	0.03	34.810	28.029	30.426	32.797	37.457	6.1	0.025	1443.7	222
77	1	250	-1.881	-1.886	0.22	0.03	34.813	28.032	30.429	32.799	37.460	5.7	0.026	1444.1	247
77	1	275	-1.888	-1.894	0.23	0.02	34.816	28.034	30.432	32.802	37.463	5.3	0.028	1444.5	271
77	1	300	-1.892	-1.899	0.25	0.02	34.819	28.037	30.434	32.805	37.466	4.9	0.029	1444.9	296
77	1	325	-1.893	-1.900	0.26	0.02	34.821	28.038	30.436	32.807	37.467	4.6	0.030	1445.3	321
77	1	350	-1.894	-1.902	0.28	0.02	34.827	28.043	30.441	32.812	37.472	4.0	0.031	1445.7	345
77	1	375	-1.894	-1.903	0.30	0.02	34.830	28.046	30.443	32.814	37.475	3.7	0.032	1446.1	370
77	1	400	-1.893	-1.902	0.32	0.02	34.832	28.047	30.445	32.816	37.476	3.4	0.033	1446.5	395
77	1	425	-1.894	-1.904	0.34	0.02	34.833	28.048	30.446	32.817	37.477	3.2	0.034	1446.9	420
77	1	450	-1.893	-1.904	0.36	0.02	34.835	28.050	30.447	32.818	37.479	2.9	0.035	1447.3	444
77	1	475	-1.896	-1.907	0.38	0.02	34.837	28.052	30.449	32.820	37.481	2.6	0.035	1447.7	469
77	1	500	-1.894	-1.906	0.40	0.02	34.843	28.056	30.454	32.825	37.485	2.0	0.036	1448.2	494
77	1	550	-1.901	-1.914	0.43	0.02	34.884	28.090	30.488	32.858	37.519	-1.4	0.036	1449.0	543

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.653	166.183	549	3	1003	170	3	-2.		0912	03	FEB	1984	PS	84	2	77

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
77	2	0	-0.129	-0.129	1.75	1.75	34.282	27.533	29.906	32.252	36.864	54.3	0.000	1447.6	0
77	2	10	-0.619	-0.619	1.28	1.27	34.464	27.703	30.083	32.435	37.060	38.1	0.005	1445.7	9
77	2	20	-1.602	-1.602	0.32	0.30	34.720	27.948	30.341	32.707	37.360	14.9	0.007	1441.6	19
77	2	30	-1.803	-1.804	0.13	0.10	34.757	27.984	30.380	32.749	37.408	11.4	0.009	1440.8	29
77	2	40	-1.846	-1.847	0.09	0.06	34.768	27.994	30.391	32.761	37.420	10.4	0.010	1440.8	39
77	2	50	-1.864	-1.865	0.08	0.05	34.774	27.999	30.396	32.767	37.427	9.9	0.011	1440.9	49
77	2	60	-1.869	-1.870	0.09	0.04	34.777	28.002	30.399	32.769	37.430	9.6	0.012	1441.0	59
77	2	70	-1.865	-1.866	0.10	0.05	34.783	28.007	30.404	32.774	37.434	9.0	0.013	1441.2	69
77	2	80	-1.877	-1.879	0.09	0.03	34.787	28.010	30.408	32.778	37.438	8.7	0.014	1441.3	79
77	2	90	-1.875	-1.877	0.10	0.04	34.789	28.012	30.409	32.780	37.440	8.4	0.014	1441.5	89
77	2	100	-1.868	-1.870	0.12	0.04	34.793	28.015	30.412	32.782	37.442	8.1	0.015	1441.7	98
77	2	125	-1.857	-1.860	0.15	0.05	34.798	28.019	30.416	32.786	37.445	7.6	0.017	1442.2	123
77	2	150	-1.866	-1.869	0.16	0.05	34.802	28.022	30.419	32.790	37.450	7.1	0.019	1442.5	148
77	2	175	-1.869	-1.873	0.17	0.04	34.806	28.025	30.423	32.793	37.453	6.7	0.021	1442.9	173
77	2	200	-1.876	-1.880	0.19	0.04	34.807	28.026	30.424	32.794	37.455	6.5	0.022	1443.3	197
77	2	225	-1.879	-1.884	0.20	0.03	34.810	28.029	30.426	32.797	37.457	6.1	0.024	1443.7	222
77	2	250	-1.881	-1.886	0.22	0.03	34.813	28.032	30.429	32.799	37.460	5.7	0.025	1444.1	247
77	2	275	-1.888	-1.894	0.23	0.02	34.816	28.034	30.432	32.802	37.463	5.3	0.027	1444.5	271
77	2	300	-1.892	-1.899	0.25	0.02	34.818	28.036	30.434	32.804	37.465	5.0	0.028	1444.9	296
77	2	325	-1.893	-1.900	0.26	0.02	34.821	28.038	30.436	32.807	37.467	4.6	0.029	1445.3	321
77	2	350	-1.894	-1.902	0.28	0.02	34.826	28.043	30.440	32.811	37.472	4.1	0.030	1445.7	345
77	2	375	-1.894	-1.903	0.30	0.02	34.829	28.045	30.443	32.813	37.474	3.7	0.031	1446.1	370
77	2	400	-1.893	-1.902	0.32	0.02	34.830	28.046	30.443	32.814	37.475	3.5	0.032	1446.5	395
77	2	425	-1.893	-1.903	0.34	0.02	34.834	28.049	30.447	32.817	37.478	3.1	0.033	1446.9	420
77	2	450	-1.893	-1.904	0.36	0.02	34.835	28.050	30.447	32.818	37.479	2.9	0.034	1447.3	444
77	2	475	-1.896	-1.907	0.38	0.02	34.840	28.054	30.452	32.822	37.483	2.3	0.035	1447.7	469
77	2	500	-1.894	-1.906	0.40	0.02	34.845	28.058	30.456	32.826	37.487	1.8	0.035	1448.2	494
77	2	550	-1.901	-1.914	0.43	0.02	34.884	28.090	30.488	32.858	37.519	-1.4	0.035	1449.0	543

Potential Temperature (°C)

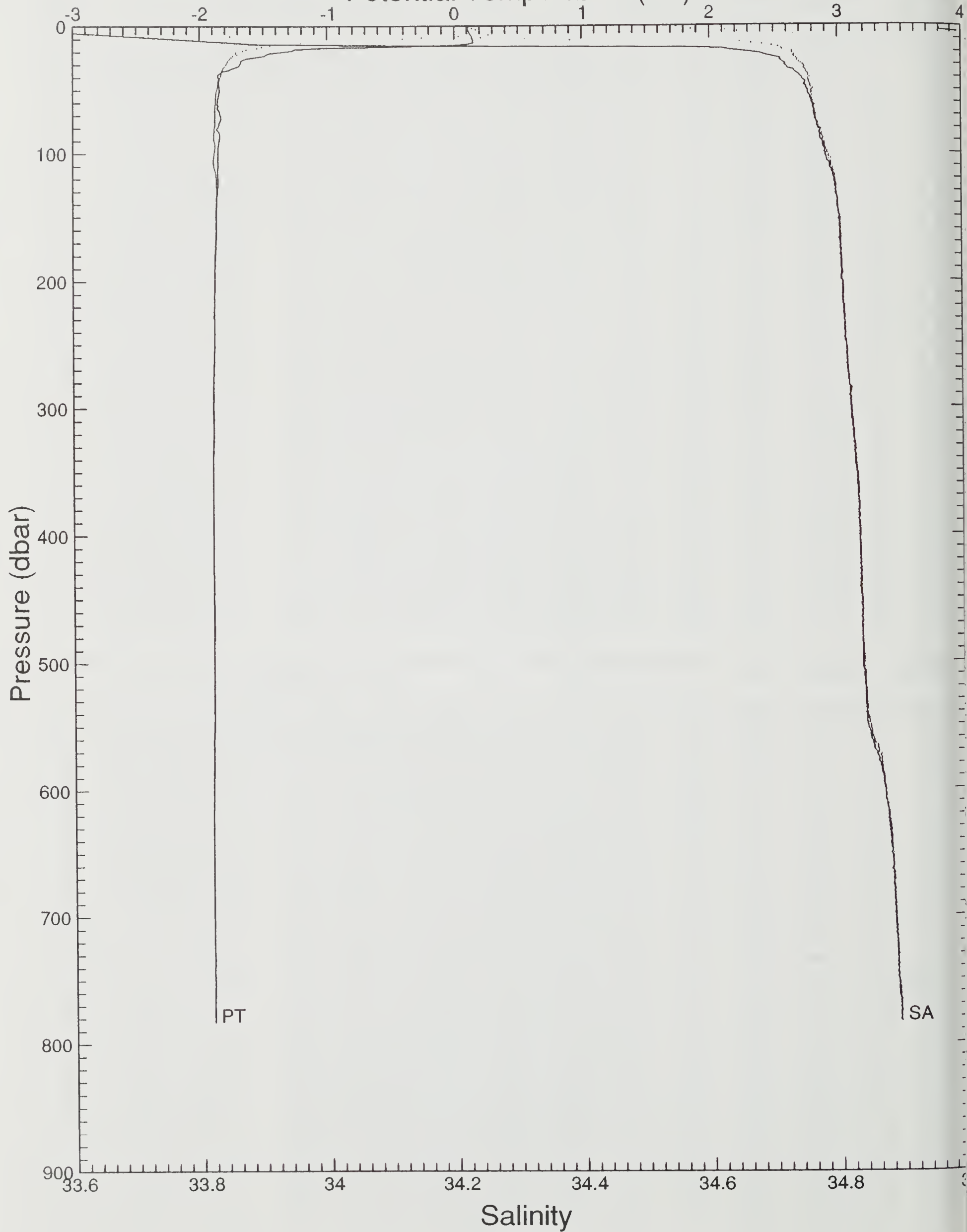


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.450	165.927	753	3	1001	220	4	-1.		1120	03	FEB	1984	PS	84	1	78

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
78	1	0	0.642	0.642	2.48	2.48	33.622	26.959	29.323	31.660	36.256	108.7	0.000	1450.2	0
78	1	10	0.673	0.673	2.53	2.52	33.654	26.983	29.346	31.683	36.277	106.4	0.011	1450.6	9
78	1	20	-1.108	-1.109	0.80	0.79	34.581	27.818	30.204	32.564	37.202	27.2	0.017	1443.7	19
78	1	30	-1.617	-1.618	0.31	0.29	34.711	27.941	30.334	32.701	37.354	15.5	0.020	1441.7	29
78	1	40	-1.680	-1.681	0.26	0.23	34.734	27.961	30.356	32.724	37.378	13.5	0.021	1441.6	39
78	1	50	-1.799	-1.800	0.15	0.11	34.750	27.978	30.374	32.744	37.402	11.9	0.022	1441.2	49
78	1	60	-1.832	-1.833	0.12	0.08	34.758	27.985	30.382	32.752	37.411	11.1	0.023	1441.2	59
78	1	70	-1.847	-1.848	0.11	0.06	34.764	27.991	30.388	32.758	37.417	10.6	0.025	1441.3	69
78	1	80	-1.865	-1.867	0.10	0.04	34.764	27.991	30.388	32.759	37.419	10.5	0.026	1441.4	79
78	1	90	-1.864	-1.866	0.11	0.05	34.768	27.994	30.392	32.762	37.422	10.1	0.027	1441.5	89
78	1	100	-1.867	-1.869	0.12	0.04	34.773	27.999	30.396	32.766	37.426	9.6	0.028	1441.7	98
78	1	125	-1.867	-1.870	0.14	0.04	34.781	28.005	30.402	32.773	37.433	8.9	0.030	1442.1	123
78	1	150	-1.864	-1.867	0.16	0.05	34.791	28.013	30.410	32.781	37.441	8.0	0.032	1442.5	148
78	1	175	-1.865	-1.869	0.18	0.05	34.792	28.014	30.411	32.781	37.442	7.8	0.034	1442.9	173
78	1	200	-1.870	-1.874	0.19	0.04	34.795	28.017	30.414	32.784	37.444	7.4	0.036	1443.3	197
78	1	225	-1.869	-1.874	0.21	0.04	34.801	28.021	30.419	32.789	37.449	6.8	0.038	1443.7	222
78	1	250	-1.875	-1.880	0.22	0.04	34.805	28.025	30.422	32.793	37.453	6.3	0.039	1444.1	247
78	1	275	-1.877	-1.883	0.24	0.03	34.806	28.026	30.423	32.794	37.454	6.1	0.041	1444.5	271
78	1	300	-1.880	-1.887	0.26	0.03	34.808	28.027	30.425	32.795	37.456	5.8	0.042	1444.9	296
78	1	325	-1.881	-1.888	0.28	0.03	34.809	28.028	30.426	32.796	37.457	5.6	0.044	1445.3	321
78	1	350	-1.885	-1.893	0.29	0.03	34.813	28.032	30.429	32.800	37.460	5.1	0.045	1445.7	345
78	1	375	-1.892	-1.901	0.30	0.02	34.816	28.034	30.432	32.803	37.463	4.7	0.046	1446.1	370
78	1	400	-1.896	-1.905	0.32	0.02	34.823	28.040	30.438	32.809	37.469	4.1	0.047	1446.5	395
78	1	425	-1.890	-1.900	0.34	0.02	34.826	28.042	30.440	32.811	37.471	3.7	0.048	1446.9	420
78	1	450	-1.889	-1.900	0.36	0.02	34.829	28.045	30.442	32.813	37.474	3.3	0.049	1447.4	444
78	1	475	-1.889	-1.900	0.38	0.02	34.832	28.047	30.445	32.815	37.476	3.0	0.050	1447.8	469
78	1	500	-1.889	-1.901	0.40	0.02	34.832	28.047	30.445	32.816	37.476	2.8	0.051	1448.2	494
78	1	550	-1.895	-1.908	0.43	0.02	34.848	28.061	30.458	32.829	37.490	1.3	0.052	1449.0	543
78	1	600	-1.899	-1.914	0.47	0.02	34.873	28.081	30.479	32.849	37.510	-0.9	0.052	1449.8	592
78	1	650	-1.897	-1.914	0.51	0.02	34.881	28.088	30.485	32.856	37.516	-1.7	0.051	1450.7	642
78	1	700	-1.893	-1.911	0.55	0.02	34.885	28.091	30.488	32.859	37.519	-2.3	0.050	1451.5	691
78	1	750	-1.898	-1.918	0.58	0.02	34.892	28.097	30.494	32.865	37.526	-3.1	0.049	1452.3	740
78	1	755	-1.897	-1.917	0.59	0.02	34.892	28.097	30.494	32.865	37.525	-3.1	0.049	1452.4	745

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.443	165.860	753	3	1001	210	3	-1.		1144	03	FEB	1984	PS	84	2	78

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
78	2	0	0.666	0.666	2.49	2.49	33.217	26.632	28.997	31.336	35.934	139.7	0.000	1449.8	0
78	2	10	0.816	0.816	2.66	2.66	33.570	26.907	29.269	31.604	36.194	113.6	0.013	1451.1	9
78	2	20	-1.159	-1.160	0.76	0.74	34.611	27.844	30.231	32.591	37.231	24.7	0.020	1443.5	19
78	2	30	-1.607	-1.608	0.32	0.30	34.716	27.945	30.338	32.705	37.357	15.2	0.022	1441.7	29
78	2	40	-1.729	-1.730	0.21	0.18	34.739	27.967	30.362	32.731	37.387	13.0	0.023	1441.3	39
78	2	50	-1.797	-1.798	0.15	0.11	34.747	27.975	30.372	32.741	37.399	12.1	0.024	1441.2	49
78	2	60	-1.822	-1.823	0.13	0.09	34.756	27.983	30.380	32.750	37.409	11.3	0.025	1441.2	59
78	2	70	-1.836	-1.837	0.13	0.07	34.761	27.988	30.385	32.755	37.414	10.8	0.027	1441.3	69
78	2	80	-1.864	-1.866	0.10	0.05	34.763	27.990	30.388	32.758	37.418	10.5	0.028	1441.4	79
78	2	90	-1.867	-1.869	0.11	0.04	34.771	27.997	30.394	32.765	37.425	9.9	0.029	1441.5	89
78	2	100	-1.863	-1.865	0.12	0.05	34.776	28.001	30.398	32.768	37.428	9.4	0.030	1441.7	98
78	2	125	-1.869	-1.872	0.14	0.04	34.785	28.008	30.406	32.776	37.436	8.6	0.032	1442.1	123
78	2	150	-1.866	-1.869	0.16	0.04	34.791	28.013	30.410	32.781	37.441	8.0	0.034	1442.5	148
78	2	175	-1.868	-1.872	0.17	0.04	34.797	28.018	30.415	32.786	37.446	7.4	0.036	1442.9	173
78	2	200	-1.867	-1.871	0.19	0.04	34.801	28.021	30.419	32.789	37.449	6.9	0.038	1443.4	197
78	2	225	-1.869	-1.874	0.21	0.04	34.802	28.022	30.420	32.790	37.450	6.7	0.039	1443.7	222
78	2	250	-1.875	-1.880	0.22	0.04	34.807	28.026	30.424	32.794	37.455	6.2	0.041	1444.1	247
78	2	275	-1.877	-1.883	0.24	0.03	34.809	28.028	30.426	32.796	37.456	5.9	0.042	1444.5	271
78	2	300	-1.878	-1.885	0.26	0.03	34.811	28.030	30.427	32.798	37.458	5.6	0.044	1444.9	296
78	2	325	-1.881	-1.888	0.28	0.03	34.813	28.032	30.429	32.799	37.460	5.3	0.045	1445.3	321
78	2	350	-1.889	-1.897	0.29	0.02	34.817	28.035	30.433	32.803	37.464	4.8	0.047	1445.7	345
78	2	375	-1.893	-1.902	0.30	0.02	34.822	28.039	30.437	32.808	37.468	4.3	0.048	1446.1	370
78	2	400	-1.890	-1.899	0.32	0.02	34.825	28.042	30.439	32.810	37.471	3.9	0.049	1446.5	395
78	2	425	-1.890	-1.900	0.34	0.02	34.829	28.045	30.442	32.813	37.474	3.5	0.050	1446.9	420
78	2	450	-1.890	-1.901	0.36	0.02	34.830	28.046	30.443	32.814	37.475	3.3	0.050	1447.4	444
78	2	475	-1.889	-1.900	0.38	0.02	34.834	28.049	30.447	32.817	37.478	2.8	0.051	1447.8	469
78	2	500	-1.891	-1.903	0.40	0.02	34.836	28.051	30.448	32.819	37.480	2.5	0.052	1448.2	494
78	2	550	-1.893	-1.906	0.43	0.02	34.850	28.062	30.460	32.830	37.491	1.2	0.053	1449.0	543
78	2	600	-1.899	-1.914	0.47	0.02	34.874	28.082	30.480	32.850	37.511	-0.9	0.053	1449.8	592

Potential Temperature ($^{\circ}\text{C}$)

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.305	165.583	780	3	1000	210	2	-8.		1320	03	FEB	1984	PS	84	1	79

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
79	1	0	0.100	0.100	1.94	1.94	33.561	26.940	29.312	31.657	36.269	110.5	0.000	1447.7	0
79	1	10	0.143	0.143	2.00	1.99	33.757	27.095	29.466	31.810	36.419	95.7	0.010	1448.3	9
79	1	20	-1.360	-1.360	0.56	0.54	34.650	27.883	30.273	32.636	37.281	21.1	0.016	1442.6	19
79	1	30	-1.683	-1.684	0.25	0.22	34.719	27.949	30.344	32.712	37.367	14.7	0.018	1441.4	29
79	1	40	-1.852	-1.853	0.09	0.06	34.742	27.973	30.370	32.740	37.400	12.4	0.019	1440.7	39
79	1	50	-1.838	-1.839	0.11	0.07	34.752	27.981	30.378	32.748	37.407	11.6	0.021	1441.0	49
79	1	60	-1.859	-1.860	0.10	0.05	34.760	27.988	30.385	32.755	37.415	10.9	0.022	1441.1	59
79	1	70	-1.833	-1.834	0.13	0.08	34.767	27.993	30.389	32.759	37.419	10.4	0.023	1441.4	69
79	1	80	-1.863	-1.865	0.11	0.05	34.769	27.995	30.392	32.763	37.423	10.1	0.024	1441.4	79
79	1	90	-1.843	-1.845	0.13	0.07	34.774	27.999	30.396	32.766	37.425	9.7	0.025	1441.6	89
79	1	100	-1.852	-1.854	0.13	0.06	34.779	28.003	30.400	32.770	37.430	9.2	0.026	1441.8	98
79	1	125	-1.853	-1.856	0.15	0.06	34.797	28.018	30.415	32.785	37.444	7.7	0.028	1442.2	123
79	1	150	-1.867	-1.870	0.16	0.04	34.803	28.023	30.420	32.790	37.450	7.1	0.030	1442.5	148
79	1	175	-1.869	-1.873	0.17	0.04	34.804	28.024	30.421	32.791	37.451	6.8	0.031	1442.9	173
79	1	200	-1.878	-1.882	0.18	0.03	34.806	28.026	30.423	32.794	37.454	6.5	0.033	1443.3	197
79	1	225	-1.882	-1.887	0.20	0.03	34.810	28.029	30.427	32.797	37.457	6.1	0.035	1443.7	222
79	1	250	-1.880	-1.885	0.22	0.03	34.813	28.032	30.429	32.799	37.460	5.7	0.036	1444.1	247
79	1	275	-1.888	-1.894	0.23	0.02	34.816	28.034	30.432	32.802	37.463	5.3	0.037	1444.5	271
79	1	300	-1.891	-1.898	0.25	0.02	34.819	28.037	30.434	32.805	37.466	4.9	0.039	1444.9	296
79	1	325	-1.889	-1.896	0.27	0.02	34.824	28.041	30.438	32.809	37.469	4.4	0.040	1445.3	321
79	1	350	-1.893	-1.901	0.28	0.02	34.828	28.044	30.442	32.812	37.473	4.0	0.041	1445.7	345
79	1	375	-1.893	-1.902	0.30	0.02	34.832	28.047	30.445	32.816	37.476	3.5	0.042	1446.1	370
79	1	400	-1.892	-1.901	0.32	0.02	34.833	28.048	30.446	32.816	37.477	3.3	0.043	1446.5	395
79	1	425	-1.891	-1.901	0.34	0.02	34.834	28.049	30.447	32.817	37.478	3.1	0.044	1446.9	420
79	1	450	-1.890	-1.901	0.36	0.02	34.835	28.050	30.447	32.818	37.479	2.9	0.044	1447.4	444
79	1	475	-1.888	-1.899	0.38	0.03	34.835	28.050	30.447	32.818	37.479	2.8	0.045	1447.8	469
79	1	500	-1.889	-1.901	0.40	0.02	34.836	28.051	30.448	32.819	37.479	2.5	0.046	1448.2	494
79	1	550	-1.890	-1.903	0.44	0.02	34.842	28.056	30.453	32.824	37.484	1.8	0.047	1449.0	543
79	1	600	-1.897	-1.912	0.47	0.02	34.869	28.078	30.475	32.846	37.507	-0.5	0.047	1449.8	592
79	1	650	-1.899	-1.916	0.51	0.02	34.879	28.086	30.484	32.854	37.515	-1.6	0.047	1450.7	642
79	1	700	-1.896	-1.914	0.55	0.02	34.884	28.090	30.488	32.858	37.519	-2.2	0.046	1451.5	691
79	1	750	-1.893	-1.913	0.59	0.02	34.888	28.093	30.491	32.861	37.522	-2.8	0.044	1452.3	740
79	1	783	-1.894	-1.915	0.61	0.02	34.892	28.097	30.494	32.865	37.525	-3.2	0.043	1452.9	773

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
79		2	0.140	0.140	33.563	26.939	9.68	5.5	0.38	36.3							12	2
79	3	12	-1.127	-1.127	34.521	27.770	10.05	16.1	1.02	51.7							11	12
79		22	-1.704	-1.704	34.734	27.962	7.43	27.1	1.89	69.1							10	22
79		37	-1.827	-1.828	34.752	27.980	6.81	29.2	2.10	74.1							9	37
79		52	-1.869	-1.870	34.761	27.989	6.58	29.8	2.17	76.4							8	51
79		77	-1.876	-1.878	34.767	27.994	6.54										7	76
79		153	-1.866	-1.869	34.804	28.024	6.70										6	152
79		306	-1.892	-1.899	34.823	28.040	6.67										5	302
79		508	-1.891	-1.903	34.841	28.055	6.68										4	502
79		609	-1.898	-1.913	34.871	28.079	6.84										3	602
79		711	-1.895	-1.914	34.883	28.089	6.86										2	702
79		781	-1.894	-1.915	34.892	28.097	6.86										1	771

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.300	165.582	780	3	1000	230	2	-3.		1412	03	FEB	1984	PS	84	2	79

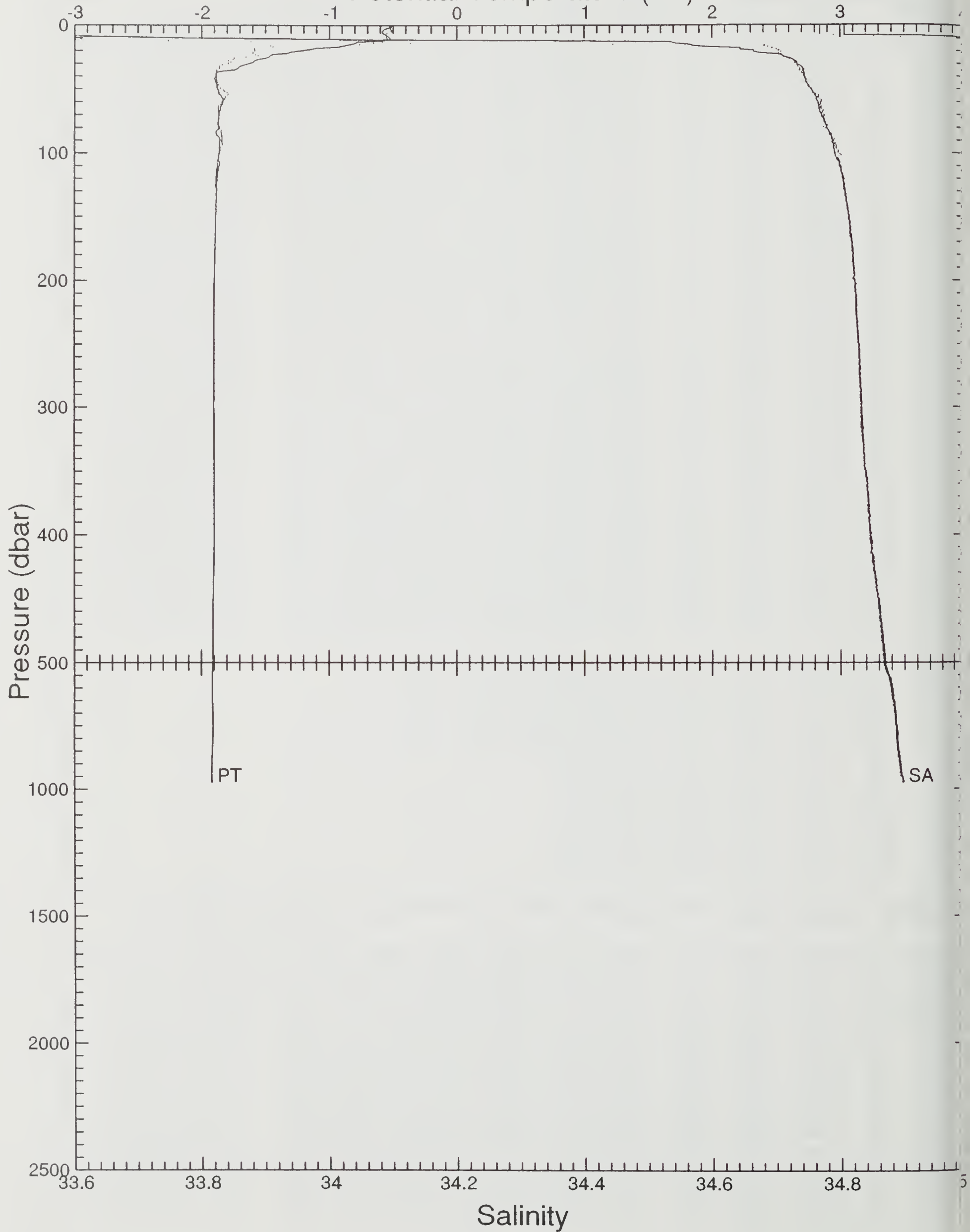
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
79	2	0	0.111	0.111	1.93	1.93	33.150	26.607	28.981	31.328	35.943	142.0	0.000	1447.2	0
79	2	10	-0.406	-0.406	1.48	1.48	34.311	27.570	29.947	32.296	36.916	50.8	0.010	1446.5	9
79	2	20	-1.712	-1.712	0.21	0.20	34.729	27.958	30.353	32.721	37.377	13.9	0.013	1441.1	19
79	2	30	-1.791	-1.792	0.14	0.12	34.743	27.972	30.368	32.737	37.396	12.6	0.014	1440.9	29
79	2	40	-1.842	-1.843	0.10	0.07	34.755	27.983	30.380	32.750	37.410	11.4	0.015	1440.8	39
79	2	50	-1.865	-1.866	0.08	0.04	34.762	27.989	30.387	32.757	37.417	10.8	0.017	1440.9	49
79	2	60	-1.875	-1.876	0.08	0.03	34.762	27.990	30.387	32.758	37.418	10.7	0.018	1441.0	59
79	2	70	-1.877	-1.878	0.08	0.03	34.764	27.991	30.389	32.759	37.420	10.5	0.019	1441.1	69
79	2	80	-1.882	-1.884	0.09	0.03	34.770	27.996	30.394	32.765	37.425	9.9	0.020	1441.3	79
79	2	90	-1.883	-1.885	0.09	0.03	34.777	28.002	30.400	32.770	37.431	9.3	0.021	1441.5	89
79	2	100	-1.883	-1.885	0.10	0.03	34.784	28.008	30.405	32.776	37.437	8.8	0.022	1441.6	98
79	2	125	-1.864	-1.867	0.14	0.05	34.798	28.019	30.416	32.786	37.446	7.6	0.024	1442.1	123
79	2	150	-1.867	-1.870	0.16	0.04	34.804	28.024	30.421	32.791	37.451	7.0	0.025	1442.5	148
79	2	175	-1.873	-1.877	0.17	0.04	34.805	28.025	30.422	32.792	37.453	6.8	0.027	1442.9	173
79	2	200	-1.879	-1.883	0.18	0.03	34.805	28.025	30.422	32.793	37.453	6.6	0.029	1443.3	197

PS_84 80

75 13 S

165 6 E

Potential Temperature ($^{\circ}\text{C}$)



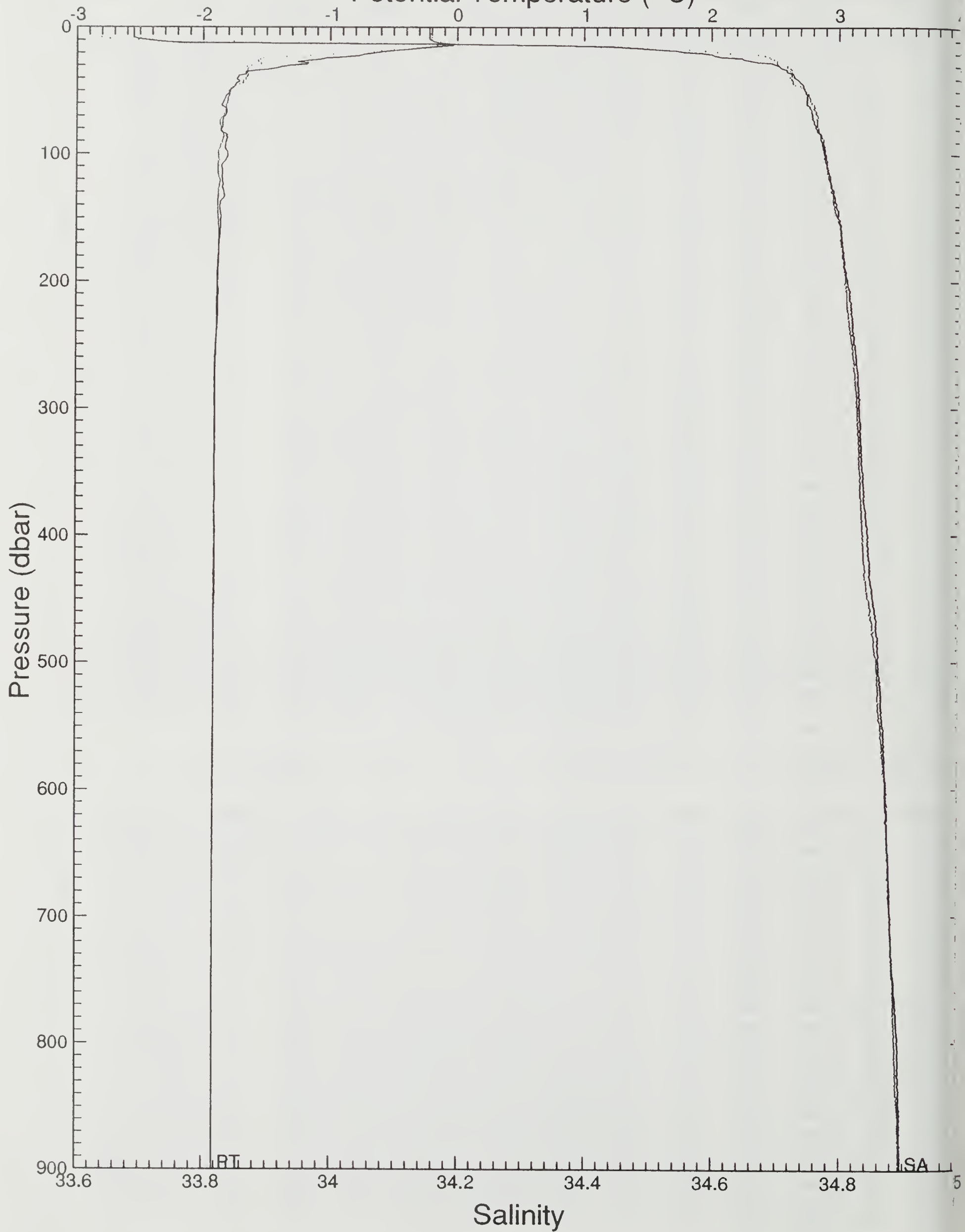
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.213	165.100	969	3	999	230	1	-4.		1524	03	FEB	1984	PS	84	1	80

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
80	1	0	-0.500	-0.500	1.33	1.33	33.407	26.843	29.225	31.580	36.211	119.7	0.000	1444.7	0
80	1	10	-0.523	-0.523	1.34	1.33	33.795	27.158	29.538	31.892	36.520	89.8	0.011	1445.3	9
80	1	20	-1.223	-1.223	0.69	0.68	34.665	27.890	30.278	32.639	37.280	20.4	0.016	1443.3	19
80	1	30	-1.625	-1.626	0.30	0.28	34.733	27.959	30.353	32.719	37.372	13.8	0.018	1441.7	29
80	1	40	-1.883	-1.884	0.06	0.03	34.743	27.975	30.372	32.743	37.404	12.2	0.019	1440.6	39
80	1	50	-1.876	-1.877	0.07	0.03	34.755	27.984	30.382	32.752	37.413	11.3	0.020	1440.8	49
80	1	60	-1.831	-1.832	0.12	0.08	34.765	27.991	30.388	32.758	37.417	10.6	0.021	1441.2	59
80	1	70	-1.864	-1.865	0.10	0.05	34.771	27.997	30.394	32.764	37.425	10.0	0.022	1441.2	69
80	1	80	-1.863	-1.865	0.11	0.05	34.779	28.003	30.400	32.771	37.431	9.3	0.023	1441.4	79
80	1	90	-1.853	-1.855	0.13	0.06	34.788	28.010	30.407	32.777	37.437	8.6	0.024	1441.6	89
80	1	100	-1.860	-1.862	0.13	0.05	34.792	28.014	30.411	32.781	37.441	8.2	0.025	1441.7	98
80	1	125	-1.878	-1.881	0.13	0.03	34.806	28.026	30.423	32.793	37.454	6.9	0.027	1442.1	123
80	1	150	-1.884	-1.887	0.14	0.03	34.815	28.033	30.431	32.801	37.461	6.1	0.029	1442.5	148
80	1	175	-1.886	-1.890	0.16	0.03	34.819	28.037	30.434	32.804	37.465	5.6	0.030	1442.9	173
80	1	200	-1.892	-1.896	0.17	0.02	34.824	28.041	30.438	32.809	37.469	5.1	0.031	1443.3	197
80	1	225	-1.893	-1.898	0.19	0.02	34.825	28.042	30.439	32.810	37.470	4.9	0.033	1443.7	222
80	1	250	-1.892	-1.897	0.21	0.02	34.830	28.046	30.443	32.814	37.474	4.4	0.034	1444.1	247
80	1	275	-1.894	-1.900	0.23	0.02	34.831	28.047	30.444	32.815	37.475	4.1	0.035	1444.5	271
80	1	300	-1.894	-1.901	0.24	0.02	34.833	28.048	30.446	32.816	37.477	3.8	0.036	1444.9	296
80	1	325	-1.890	-1.897	0.27	0.02	34.834	28.049	30.446	32.817	37.478	3.6	0.037	1445.3	321
80	1	350	-1.889	-1.897	0.29	0.02	34.841	28.055	30.452	32.823	37.483	3.0	0.038	1445.7	345
80	1	375	-1.889	-1.898	0.31	0.02	34.844	28.057	30.455	32.825	37.486	2.6	0.038	1446.2	370
80	1	400	-1.889	-1.898	0.33	0.03	34.847	28.060	30.457	32.827	37.488	2.2	0.039	1446.6	395
80	1	425	-1.891	-1.901	0.34	0.02	34.853	28.064	30.462	32.832	37.493	1.6	0.039	1447.0	420
80	1	450	-1.896	-1.907	0.36	0.02	34.860	28.070	30.468	32.838	37.499	1.0	0.040	1447.4	444
80	1	475	-1.897	-1.908	0.37	0.02	34.865	28.074	30.472	32.843	37.503	0.4	0.040	1447.8	469
80	1	500	-1.897	-1.909	0.39	0.02	34.869	28.078	30.475	32.846	37.506	0.0	0.040	1448.2	494
80	1	550	-1.901	-1.914	0.43	0.01	34.876	28.084	30.481	32.852	37.513	-0.8	0.040	1449.0	543
80	1	600	-1.900	-1.915	0.47	0.02	34.881	28.088	30.485	32.856	37.517	-1.5	0.039	1449.8	592
80	1	650	-1.897	-1.914	0.51	0.02	34.884	28.090	30.488	32.858	37.519	-1.9	0.038	1450.7	642
80	1	700	-1.894	-1.912	0.55	0.02	34.886	28.092	30.489	32.860	37.520	-2.4	0.037	1451.5	691
80	1	750	-1.889	-1.909	0.59	0.03	34.887	28.092	30.490	32.860	37.521	-2.7	0.036	1452.4	740
80	1	800	-1.890	-1.912	0.63	0.03	34.888	28.093	30.491	32.861	37.522	-3.0	0.035	1453.2	789
80	1	850	-1.892	-1.915	0.66	0.02	34.890	28.095	30.493	32.863	37.524	-3.4	0.033	1454.0	839
80	1	900	-1.893	-1.918	0.70	0.02	34.893	28.097	30.495	32.866	37.526	-3.9	0.031	1454.8	888
80	1	950	-1.894	-1.921	0.74	0.02	34.897	28.101	30.498	32.869	37.530	-4.5	0.029	1455.7	937
80	1	974	-1.891	-1.919	0.76	0.03	34.897	28.101	30.498	32.869	37.530	-4.6	0.028	1456.1	961

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.208	165.100	969	3	999	230	3	-6.		1558	03	FEB	1984	PS	84	2	80

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
80	2	0	-0.526	-0.526	1.30	1.30	33.369	26.813	29.196	31.552	36.183	122.5	0.000	1444.5	0
80	2	10	-0.549	-0.549	1.29	1.29	33.495	26.916	29.299	31.654	36.286	112.7	0.012	1444.7	9
80	2	20	-1.586	-1.586	0.33	0.32	34.704	27.934	30.327	32.694	37.346	16.2	0.018	1441.6	19
80	2	30	-1.789	-1.790	0.14	0.12	34.730	27.961	30.358	32.727	37.385	13.6	0.020	1440.9	29
80	2	40	-1.886	-1.887	0.05	0.02	34.744	27.975	30.373	32.744	37.405	12.2	0.021	1440.6	39
80	2	50	-1.854	-1.855	0.09	0.05	34.756	27.984	30.381	32.752	37.412	11.3	0.022	1440.9	49
80	2	60	-1.839	-1.840	0.11	0.07	34.771	27.996	30.393	32.763	37.422	10.1	0.023	1441.2	59
80	2	70	-1.865	-1.866	0.10	0.04	34.775	28.000	30.397	32.768	37.428	9.7	0.024	1441.2	69
80	2	80	-1.856	-1.858	0.11	0.05	34.775	28.000	30.397	32.767	37.427	9.6	0.025	1441.4	79
80	2	90	-1.838	-1.840	0.14	0.07	34.791	28.012	30.409	32.779	37.438	8.4	0.026	1441.7	89
80	2	100	-1.853	-1.855	0.13	0.06	34.797	28.018	30.415	32.785	37.444	7.8	0.027	1441.8	98
80	2	125	-1.885	-1.888	0.12	0.03	34.808	28.027	30.425	32.795	37.456	6.8	0.029	1442.1	123
80	2	150	-1.884	-1.887	0.14	0.03	34.815	28.033	30.431	32.801	37.461	6.1	0.030	1442.5	148
80	2	175	-1.889	-1.893	0.16	0.02	34.821	28.038	30.436	32.806	37.467	5.5	0.032	1442.9	173
80	2	200	-1.893	-1.897	0.17	0.02	34.824	28.041	30.438	32.809	37.470	5.1	0.033	1443.3	197
80	2	225	-1.894	-1.899	0.19	0.02	34.827	28.043	30.441	32.811	37.472	4.7	0.034	1443.7	222
80	2	250	-1.895	-1.900	0.21	0.02	34.830	28.046	30.443	32.814	37.475	4.4	0.035	1444.1	247
80	2	275	-1.894	-1.900	0.23	0.02	34.830	28.046	30.443	32.814	37.475	4.2	0.037	1444.5	271
80	2	300	-1.894	-1.901	0.24	0.02	34.833	28.048	30.446	32.816	37.477	3.8	0.038	1444.9	296
80	2	325	-1.892	-1.899	0.27	0.02	34.835	28.050	30.447	32.818	37.479	3.6	0.038	1445.3	321
80	2	350	-1.889	-1.897	0.29	0.02	34.841	28.055	30.452	32.823	37.483	3.0	0.039	1445.7	345
80	2	375	-1.889	-1.898	0.31	0.02	34.844	28.057	30.455	32.825	37.486	2.6	0.040	1446.2	370
80	2	400	-1.889	-1.898	0.33	0.03	34.847	28.060	30.457	32.827	37.488	2.2	0.041	1446.6	395
80	2	425	-1.891	-1.901	0.34	0.02	34.853	28.064	30.462	32.832	37.493	1.6	0.041	1447.0	420
80	2	450	-1.895	-1.906	0.36	0.02	34.859	28.069	30.467	32.838	37.498	1.0	0.041	1447.4	444

Potential Temperature (°C)



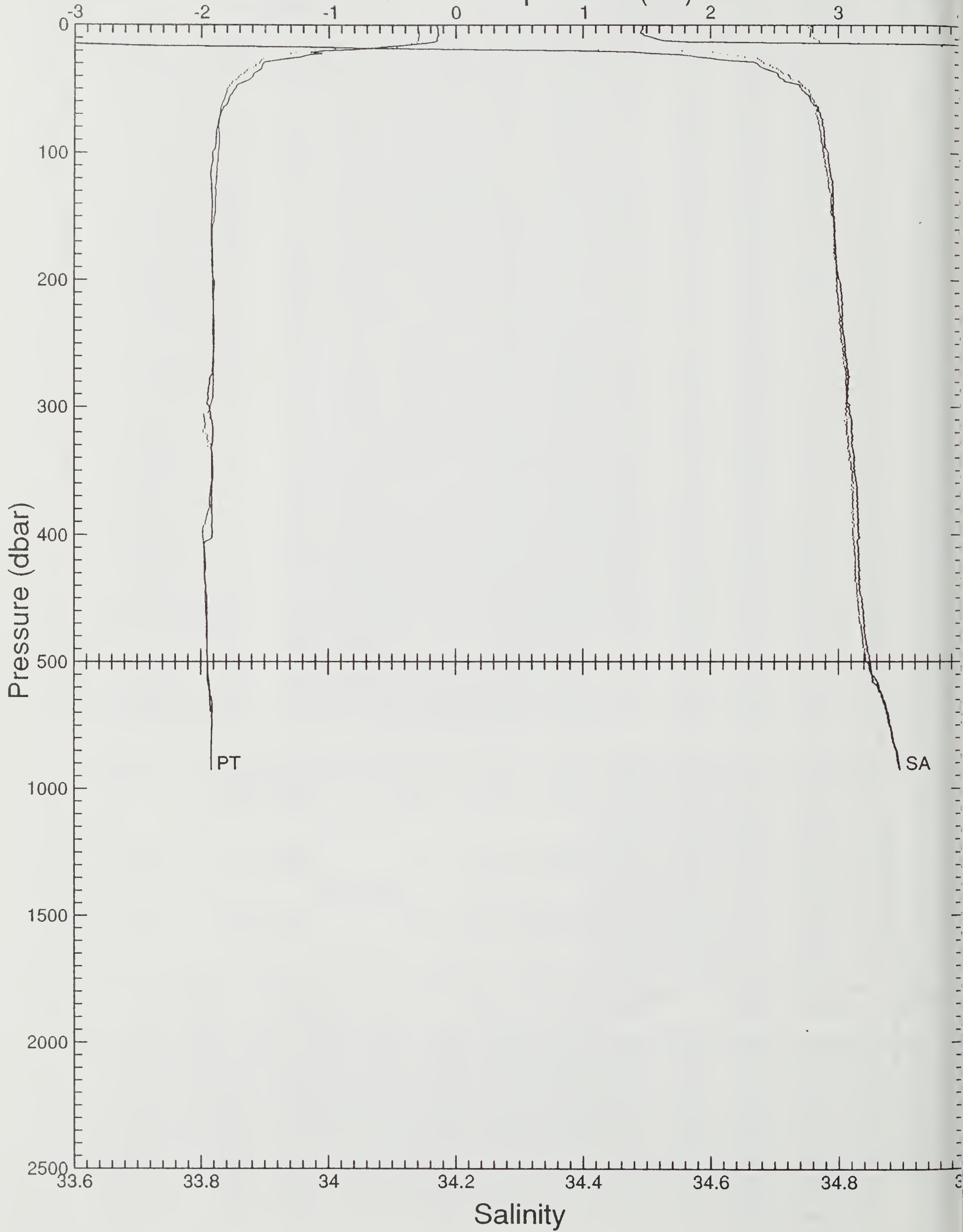
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.142	164.590	1182		998	270	5	-4.		1820	03	FEB	1984	PS	84	1	82

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
82	1	0	-0.220	-0.220	1.63	1.63	33.690	27.059	29.436	31.786	36.405	99.2	0.000	1446.4	0
82	1	10	-0.201	-0.201	1.66	1.65	33.715	27.079	29.455	31.804	36.423	97.3	0.010	1446.7	9
82	1	20	-0.661	-0.662	1.25	1.24	34.586	27.804	30.183	32.536	37.161	28.6	0.016	1445.8	19
82	1	30	-1.323	-1.324	0.60	0.58	34.706	27.927	30.316	32.678	37.322	16.8	0.018	1443.1	29
82	1	40	-1.734	-1.735	0.20	0.17	34.733	27.962	30.358	32.726	37.382	13.4	0.020	1441.3	39
82	1	50	-1.799	-1.800	0.15	0.11	34.747	27.975	30.372	32.741	37.400	12.1	0.021	1441.2	49
82	1	60	-1.843	-1.844	0.11	0.07	34.749	27.978	30.375	32.745	37.405	11.8	0.022	1441.1	59
82	1	70	-1.824	-1.825	0.14	0.08	34.758	27.985	30.382	32.752	37.411	11.1	0.024	1441.4	69
82	1	80	-1.852	-1.854	0.12	0.06	34.765	27.992	30.389	32.759	37.419	10.4	0.025	1441.4	79
82	1	90	-1.814	-1.816	0.16	0.10	34.773	27.997	30.394	32.763	37.422	9.9	0.026	1441.8	89
82	1	100	-1.803	-1.805	0.18	0.11	34.777	28.000	30.396	32.766	37.424	9.5	0.027	1442.0	98
82	1	125	-1.841	-1.844	0.16	0.07	34.789	28.011	30.408	32.778	37.437	8.4	0.029	1442.2	123
82	1	150	-1.852	-1.855	0.17	0.06	34.799	28.019	30.416	32.786	37.446	7.4	0.031	1442.6	148
82	1	175	-1.868	-1.872	0.18	0.04	34.807	28.026	30.423	32.794	37.454	6.6	0.033	1442.9	173
82	1	200	-1.877	-1.881	0.18	0.04	34.814	28.032	30.430	32.800	37.460	5.9	0.034	1443.3	197
82	1	225	-1.874	-1.879	0.21	0.04	34.819	28.036	30.433	32.804	37.464	5.4	0.036	1443.7	222
82	1	250	-1.890	-1.895	0.21	0.02	34.827	28.043	30.441	32.811	37.472	4.6	0.037	1444.1	247
82	1	275	-1.897	-1.903	0.22	0.02	34.830	28.046	30.443	32.814	37.475	4.2	0.038	1444.5	271
82	1	300	-1.896	-1.903	0.24	0.02	34.833	28.048	30.446	32.816	37.477	3.8	0.039	1444.9	296
82	1	325	-1.896	-1.903	0.26	0.02	34.835	28.050	30.447	32.818	37.479	3.6	0.040	1445.3	321
82	1	350	-1.896	-1.904	0.28	0.02	34.838	28.052	30.450	32.821	37.481	3.2	0.041	1445.7	345
82	1	375	-1.895	-1.904	0.30	0.02	34.840	28.054	30.452	32.822	37.483	2.9	0.041	1446.1	370
82	1	400	-1.893	-1.902	0.32	0.02	34.846	28.059	30.456	32.827	37.488	2.3	0.042	1446.5	395
82	1	425	-1.896	-1.906	0.34	0.02	34.849	28.061	30.459	32.830	37.490	1.9	0.043	1446.9	420
82	1	450	-1.896	-1.907	0.36	0.02	34.854	28.065	30.463	32.834	37.494	1.4	0.043	1447.4	444
82	1	475	-1.896	-1.907	0.38	0.02	34.859	28.070	30.467	32.838	37.498	0.9	0.043	1447.8	469
82	1	500	-1.895	-1.907	0.40	0.02	34.862	28.072	30.469	32.840	37.501	0.5	0.044	1448.2	494
82	1	550	-1.896	-1.909	0.43	0.02	34.870	28.079	30.476	32.847	37.507	-0.3	0.044	1449.0	543
82	1	600	-1.896	-1.911	0.47	0.02	34.873	28.081	30.479	32.849	37.510	-0.8	0.043	1449.8	592
82	1	650	-1.897	-1.914	0.51	0.02	34.878	28.085	30.483	32.853	37.514	-1.5	0.043	1450.7	642
82	1	700	-1.898	-1.916	0.55	0.02	34.881	28.088	30.485	32.856	37.517	-2.0	0.042	1451.5	691
82	1	750	-1.898	-1.918	0.58	0.02	34.886	28.092	30.489	32.860	37.521	-2.6	0.041	1452.3	740
82	1	800	-1.895	-1.917	0.62	0.02	34.892	28.097	30.494	32.865	37.525	-3.3	0.039	1453.2	789
82	1	850	-1.895	-1.918	0.66	0.02	34.895	28.099	30.497	32.867	37.528	-3.8	0.037	1454.0	839
82	1	900	-1.893	-1.918	0.70	0.02	34.895	28.099	30.497	32.867	37.528	-4.1	0.035	1454.8	888
82	1	950	-1.892	-1.919	0.74	0.02	34.897	28.101	30.498	32.869	37.530	-4.5	0.033	1455.7	937
82	1	1000	-1.891	-1.920	0.78	0.03	34.899	28.102	30.500	32.871	37.531	-4.9	0.031	1456.5	987
82	1	1100	-1.887	-1.920	0.86	0.03	34.900	28.103	30.501	32.871	37.532	-5.5	0.026	1458.2	1085
82	1	1186	-1.882	-1.919	0.93	0.04	34.900	28.103	30.501	32.871	37.532	-5.9	0.021	1459.6	1170

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
82	1	4	-0.197	-0.197	33.640	27.018	9.05	8.9	0.54	40.5	166	157	2018	2285		2.41	12	3
82	1	37	-1.645	-1.646	34.726	27.954	7.28	26.9	1.94	70.5			2208	2351			10	36
82		37	-1.645	-1.646	34.727	27.955					376	350					9	36
82		204	-1.881	-1.885	34.814	28.032											7	202
82	1	209	-1.881	-1.885	34.813	28.032	6.70						2228			1.56	8	207
82		604	-1.898	-1.913	34.876	28.084	6.85	29.3	2.13	76.3			2233	2360		1.72	6	597
82	1	604	-1.898	-1.913	34.874	28.082					425	392					5	597
82		834	-1.894	-1.917	34.888	28.093					426	393					3	824
82	1	835	-1.893	-1.916	34.889	28.094	6.85	29.2	2.13	76.6			2231	2357		1.72	4	824
82	1	1181	-1.882	-1.918	34.900	28.103	6.84	29.4	2.16	79.1			2231	2356		1.71	2	1165
82		1184	-1.882	-1.918	34.895	28.099					430	396					1	1168

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.130	164.625	1182		998	280	6	-4.		1931	03	FEB	1984	PS	84	2	82

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
82	2	0	-0.200	-0.200	1.64	1.64	33.640	27.018	29.394	31.744	36.364	103.1	0.000	1446.4	0
82	2	10	-0.213	-0.213	1.64	1.64	33.697	27.065	29.441	31.791	36.410	98.6	0.010	1446.6	9
82	2	20	-0.702	-0.703	1.21	1.20	34.629	27.841	30.220	32.573	37.199	25.1	0.016	1445.7	19
82	2	30	-1.621	-1.622	0.31	0.28	34.719	27.947	30.341	32.708	37.361	14.9	0.018	1441.7	29
82	2	40	-1.663	-1.664	0.27	0.24	34.725	27.954	30.348	32.715	37.370	14.2	0.020	1441.6	39
82	2	50	-1.784	-1.785	0.16	0.12	34.748	27.976	30.372	32.741	37.399	12.1	0.021	1441.2	49
82	2	60	-1.809	-1.810	0.15	0.10	34.757	27.984	30.380	32.750	37.408	11.3	0.022	1441.3	59
82	2	70	-1.842	-1.843	0.12	0.07	34.767	27.993	30.390	32.760	37.419	10.3	0.023	1441.3	69
82	2	80	-1.857	-1.859	0.11	0.05	34.768	27.994	30.391	32.762	37.422	10.2	0.024	1441.4	79
82	2	90	-1.848	-1.850	0.13	0.06	34.776	28.000	30.397	32.767	37.427	9.5	0.025	1441.6	89

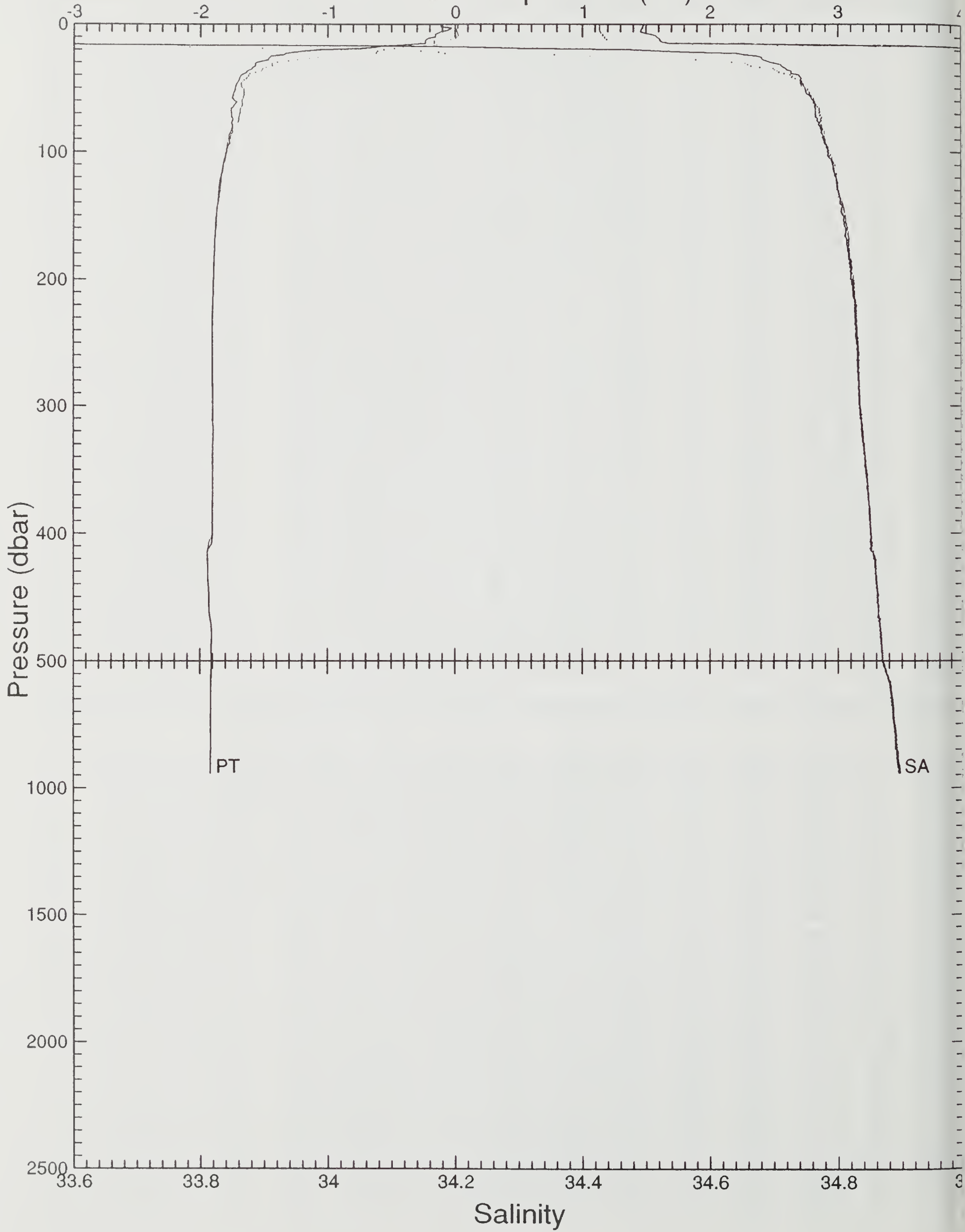
Potential Temperature ($^{\circ}\text{C}$)

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.038	164.467	929	10	997	280	7	-3.		2212	03	FEB	1984	PS	84	1	83

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
83	1	0	-0.151	-0.151	1.66	1.66	33.094	26.575	28.953	31.304	35.927	145.1	0.000	1445.9	0
83	1	10	-0.149	-0.149	1.67	1.67	33.112	26.589	28.967	31.318	35.941	143.7	0.014	1446.1	9
83	1	20	-1.047	-1.048	0.86	0.84	34.396	27.666	30.052	32.411	37.049	41.6	0.024	1443.8	19
83	1	30	-1.514	-1.515	0.41	0.39	34.673	27.907	30.299	32.664	37.314	18.7	0.027	1442.1	29
83	1	40	-1.594	-1.595	0.34	0.31	34.707	27.937	30.330	32.696	37.349	15.8	0.029	1441.9	39
83	1	50	-1.735	-1.736	0.21	0.17	34.743	27.970	30.366	32.734	37.391	12.6	0.030	1441.5	49
83	1	60	-1.790	-1.791	0.16	0.12	34.757	27.983	30.379	32.749	37.407	11.3	0.031	1441.4	59
83	1	70	-1.849	-1.850	0.11	0.06	34.772	27.997	30.394	32.764	37.424	9.9	0.032	1441.3	69
83	1	80	-1.873	-1.875	0.10	0.04	34.777	28.002	30.399	32.770	37.430	9.4	0.033	1441.3	79
83	1	90	-1.883	-1.885	0.09	0.03	34.779	28.004	30.401	32.772	37.433	9.2	0.034	1441.5	89
83	1	100	-1.910	-1.912	0.08	0.00	34.785	28.009	30.407	32.778	37.440	8.6	0.035	1441.5	98
83	1	125	-1.915	-1.918	0.09	-0.01	34.790	28.014	30.412	32.783	37.444	8.1	0.037	1441.9	123
83	1	150	-1.912	-1.915	0.11	0.00	34.795	28.018	30.416	32.787	37.448	7.5	0.039	1442.3	148
83	1	175	-1.912	-1.916	0.13	0.00	34.797	28.019	30.417	32.788	37.450	7.2	0.041	1442.7	173
83	1	200	-1.892	-1.896	0.17	0.02	34.803	28.024	30.421	32.792	37.453	6.7	0.043	1443.2	197
83	1	225	-1.897	-1.902	0.18	0.01	34.807	28.027	30.425	32.795	37.456	6.2	0.044	1443.6	222
83	1	250	-1.895	-1.900	0.21	0.02	34.811	28.030	30.428	32.799	37.459	5.8	0.046	1444.0	247
83	1	275	-1.916	-1.922	0.20	0.00	34.816	28.035	30.433	32.804	37.465	5.2	0.047	1444.4	271
83	1	300	-1.928	-1.935	0.21	-0.02	34.816	28.035	30.433	32.805	37.467	5.0	0.048	1444.7	296
83	1	325	-1.901	-1.908	0.26	0.01	34.822	28.039	30.437	32.808	37.469	4.5	0.050	1445.3	321
83	1	350	-1.906	-1.914	0.27	0.01	34.827	28.044	30.441	32.812	37.473	4.0	0.051	1445.6	345
83	1	375	-1.906	-1.915	0.29	0.01	34.831	28.047	30.445	32.816	37.477	3.5	0.052	1446.1	370
83	1	400	-1.903	-1.912	0.31	0.01	34.833	28.049	30.446	32.817	37.478	3.3	0.052	1446.5	395
83	1	425	-1.953	-1.963	0.28	-0.04	34.832	28.049	30.448	32.819	37.482	3.0	0.053	1446.6	420
83	1	450	-1.943	-1.953	0.31	-0.03	34.837	28.053	30.451	32.823	37.485	2.5	0.054	1447.1	444
83	1	475	-1.943	-1.954	0.33	-0.03	34.841	28.056	30.454	32.826	37.488	2.1	0.054	1447.5	469
83	1	500	-1.936	-1.948	0.35	-0.02	34.849	28.062	30.461	32.832	37.494	1.4	0.055	1448.0	494
83	1	550	-1.934	-1.947	0.39	-0.02	34.852	28.065	30.463	32.834	37.496	0.9	0.055	1448.8	543
83	1	600	-1.921	-1.936	0.45	-0.01	34.862	28.073	30.471	32.842	37.503	-0.1	0.056	1449.7	592
83	1	650	-1.913	-1.929	0.49	0.00	34.872	28.081	30.479	32.849	37.511	-1.1	0.055	1450.6	642
83	1	700	-1.897	-1.915	0.55	0.02	34.877	28.084	30.482	32.853	37.513	-1.7	0.055	1451.5	691
83	1	750	-1.892	-1.912	0.59	0.02	34.881	28.088	30.485	32.856	37.516	-2.2	0.054	1452.3	740
83	1	800	-1.893	-1.915	0.62	0.02	34.886	28.092	30.489	32.860	37.520	-2.9	0.052	1453.2	789
83	1	850	-1.895	-1.918	0.66	0.02	34.893	28.097	30.495	32.866	37.526	-3.7	0.051	1454.0	839
83	1	900	-1.892	-1.917	0.70	0.02	34.895	28.099	30.497	32.867	37.528	-4.1	0.049	1454.8	888
83	1	926	-1.892	-1.918	0.72	0.02	34.897	28.101	30.498	32.869	37.530	-4.4	0.048	1455.3	914

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-74.998	164.480	929		997	280	5	-3.		2307	03	FEB	1984	PS	84	2	83

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
83	2	0	-0.300	-0.300	1.53	1.53	33.358	26.795	29.174	31.526	36.151	124.2	0.000	1445.6	0
83	2	10	-0.298	-0.298	1.54	1.53	33.362	26.798	29.177	31.529	36.154	123.9	0.012	1445.7	9
83	2	20	-1.195	-1.195	0.72	0.70	34.556	27.801	30.189	32.549	37.191	28.8	0.020	1443.3	19
83	2	30	-1.544	-1.545	0.38	0.36	34.684	27.917	30.309	32.675	37.326	17.8	0.022	1442.0	29
83	2	40	-1.704	-1.705	0.23	0.20	34.724	27.954	30.349	32.717	37.373	14.2	0.024	1441.4	39
83	2	50	-1.797	-1.798	0.15	0.11	34.749	27.977	30.373	32.743	37.401	12.0	0.025	1441.2	49
83	2	60	-1.829	-1.830	0.13	0.08	34.762	27.989	30.385	32.755	37.414	10.8	0.026	1441.2	59
83	2	70	-1.852	-1.853	0.11	0.06	34.765	27.992	30.389	32.759	37.419	10.5	0.028	1441.3	69
83	2	80	-1.863	-1.865	0.11	0.05	34.771	27.997	30.394	32.764	37.424	9.9	0.029	1441.4	79
83	2	90	-1.856	-1.858	0.12	0.05	34.774	27.999	30.396	32.766	37.426	9.7	0.030	1441.6	89
83	2	100	-1.865	-1.867	0.12	0.05	34.778	28.003	30.400	32.770	37.430	9.3	0.030	1441.7	98
83	2	125	-1.882	-1.885	0.12	0.03	34.785	28.009	30.406	32.777	37.437	8.5	0.033	1442.0	123
83	2	150	-1.893	-1.896	0.13	0.02	34.792	28.015	30.412	32.783	37.444	7.8	0.035	1442.4	148
83	2	175	-1.906	-1.910	0.14	0.00	34.793	28.016	30.414	32.785	37.446	7.6	0.037	1442.7	173
83	2	200	-1.902	-1.906	0.16	0.01	34.798	28.020	30.418	32.788	37.450	7.1	0.039	1443.2	197
83	2	225	-1.895	-1.900	0.19	0.02	34.801	28.022	30.420	32.791	37.451	6.7	0.040	1443.6	222
83	2	250	-1.891	-1.896	0.21	0.02	34.808	28.028	30.425	32.796	37.457	6.0	0.042	1444.1	247
83	2	275	-1.896	-1.902	0.22	0.02	34.813	28.032	30.430	32.800	37.461	5.5	0.043	1444.4	271
83	2	300	-1.923	-1.930	0.21	-0.01	34.814	28.034	30.432	32.803	37.464	5.2	0.045	1444.7	296
83	2	325	-1.944	-1.951	0.21	-0.03	34.815	28.035	30.433	32.805	37.467	4.9	0.046	1445.0	321
83	2	350	-1.897	-1.905	0.28	0.02	34.822	28.039	30.437	32.808	37.469	4.4	0.047	1445.7	345
83	2	375	-1.925	-1.933	0.27	-0.01	34.823	28.041	30.439	32.810	37.472	4.1	0.048	1446.0	370
83	2	400	-1.976	-1.985	0.24	-0.06	34.823	28.042	30.441	32.813	37.477	3.8	0.049	1446.1	395
83	2	425	-1.963	-1.973	0.27	-0.05	34.826	28.044	30.443	32.815	37.478	3.4	0.050	1446.6	420
83	2	450	-1.956	-1.966	0.29	-0.04	34.831	28.048	30.447	32.819	37.481	2.9	0.051	1447.0	444
83	2	475	-1.939	-1.950	0.33	-0.03	34.836	28.052	30.450	32.822	37.484	2.5	0.051	1447.5	469

Potential Temperature ($^{\circ}\text{C}$)

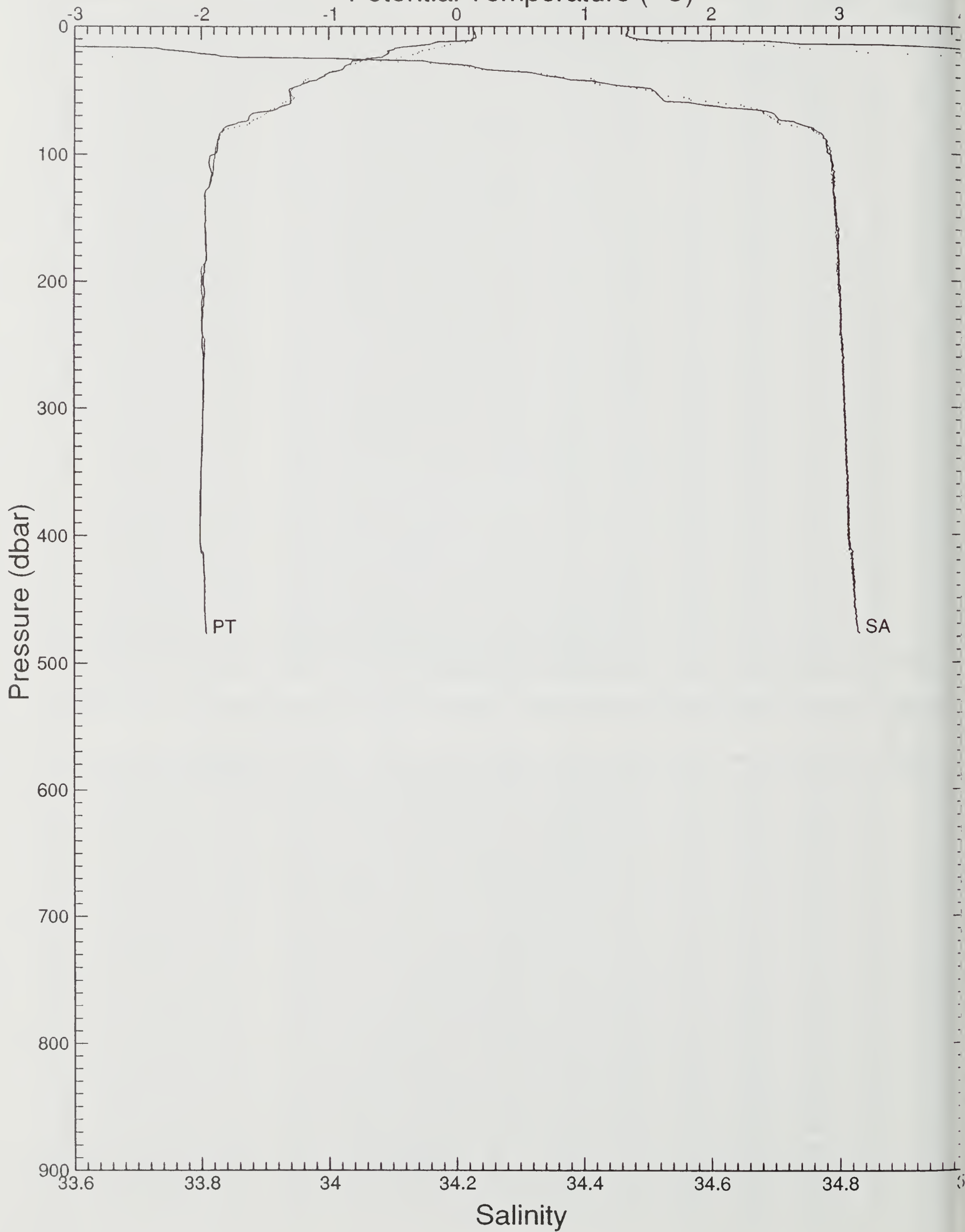
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.002	164.235	945	10	997	260	4	-1.		0023	04	FEB	1984	PS	84	1	84

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
84	1	1	-0.111	-0.111	1.70	1.70	33.096	26.574	28.952	31.303	35.924	145.1	0.001	1446.1	1
84	1	11	-0.212	-0.212	1.61	1.60	33.120	26.599	28.977	31.329	35.954	142.8	0.016	1445.8	10
84	1	21	-1.178	-1.179	0.73	0.72	34.522	27.773	30.160	32.521	37.162	31.5	0.025	1443.4	20
84	1	31	-1.569	-1.570	0.36	0.34	34.703	27.933	30.326	32.692	37.343	16.3	0.027	1441.9	30
84	1	41	-1.685	-1.686	0.25	0.22	34.740	27.966	30.361	32.729	37.384	13.0	0.028	1441.6	40
84	1	51	-1.728	-1.729	0.22	0.18	34.749	27.975	30.370	32.739	37.395	12.2	0.030	1441.5	50
84	1	61	-1.711	-1.712	0.24	0.20	34.763	27.986	30.381	32.749	37.404	11.1	0.031	1441.8	60
84	1	71	-1.754	-1.755	0.21	0.16	34.765	27.989	30.384	32.753	37.410	10.7	0.032	1441.8	70
84	1	81	-1.746	-1.748	0.22	0.16	34.773	27.995	30.391	32.759	37.415	10.1	0.033	1442.0	80
84	1	91	-1.773	-1.775	0.21	0.14	34.778	28.000	30.396	32.765	37.422	9.6	0.034	1442.0	90
84	1	101	-1.801	-1.803	0.19	0.11	34.785	28.006	30.403	32.772	37.430	8.9	0.035	1442.0	99
84	1	126	-1.848	-1.851	0.16	0.06	34.799	28.019	30.416	32.786	37.445	7.6	0.037	1442.2	124
84	1	151	-1.871	-1.874	0.15	0.04	34.810	28.029	30.426	32.796	37.456	6.5	0.039	1442.5	149
84	1	176	-1.882	-1.886	0.16	0.03	34.816	28.034	30.431	32.802	37.462	5.9	0.040	1442.9	174
84	1	201	-1.890	-1.894	0.17	0.02	34.823	28.040	30.437	32.808	37.469	5.2	0.042	1443.3	198
84	1	226	-1.895	-1.900	0.19	0.02	34.827	28.043	30.441	32.811	37.472	4.7	0.043	1443.7	223
84	1	251	-1.896	-1.901	0.21	0.02	34.830	28.046	30.443	32.814	37.475	4.3	0.044	1444.1	248
84	1	276	-1.895	-1.901	0.23	0.02	34.832	28.047	30.445	32.816	37.476	4.1	0.045	1444.5	272
84	1	301	-1.891	-1.898	0.25	0.02	34.835	28.050	30.447	32.818	37.478	3.7	0.046	1444.9	297
84	1	326	-1.890	-1.897	0.27	0.02	34.839	28.053	30.450	32.821	37.482	3.3	0.047	1445.3	322
84	1	351	-1.889	-1.897	0.29	0.02	34.844	28.057	30.454	32.825	37.485	2.7	0.048	1445.8	346
84	1	376	-1.891	-1.900	0.31	0.02	34.849	28.061	30.459	32.829	37.490	2.2	0.048	1446.2	371
84	1	401	-1.893	-1.902	0.32	0.02	34.852	28.064	30.461	32.832	37.492	1.8	0.049	1446.6	396
84	1	426	-1.929	-1.939	0.31	-0.02	34.858	28.070	30.468	32.839	37.500	1.1	0.049	1446.8	421
84	1	451	-1.918	-1.929	0.34	0.00	34.861	28.072	30.470	32.840	37.502	0.8	0.049	1447.3	445
84	1	476	-1.898	-1.909	0.38	0.02	34.866	28.075	30.473	32.843	37.504	0.4	0.050	1447.8	470
84	1	501	-1.899	-1.911	0.39	0.02	34.869	28.078	30.475	32.846	37.507	0.0	0.050	1448.2	495
84	1	551	-1.899	-1.913	0.43	0.02	34.877	28.084	30.482	32.852	37.513	-0.9	0.049	1449.0	544
84	1	601	-1.899	-1.914	0.47	0.02	34.882	28.088	30.486	32.857	37.517	-1.5	0.049	1449.9	593
84	1	651	-1.898	-1.915	0.51	0.02	34.885	28.091	30.488	32.859	37.520	-2.0	0.048	1450.7	643
84	1	701	-1.897	-1.915	0.55	0.02	34.887	28.093	30.490	32.861	37.521	-2.4	0.047	1451.5	692
84	1	751	-1.896	-1.916	0.58	0.02	34.888	28.093	30.491	32.861	37.522	-2.8	0.045	1452.3	741
84	1	801	-1.893	-1.915	0.63	0.02	34.889	28.094	30.492	32.862	37.523	-3.1	0.044	1453.2	790
84	1	851	-1.892	-1.915	0.67	0.02	34.892	28.097	30.494	32.865	37.525	-3.6	0.042	1454.0	840
84	1	901	-1.893	-1.918	0.70	0.02	34.894	28.098	30.496	32.866	37.527	-4.0	0.040	1454.8	889
84	1	942	-1.892	-1.919	0.73	0.02	34.895	28.099	30.497	32.867	37.528	-4.3	0.039	1455.5	929

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.002	164.235	945	10	997	240	3	0.		0053	04	FEB	1984	PS	84	2	84

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
84	2	0	0.020	0.020	1.83	1.83	33.027	26.513	28.888	31.237	35.856	151.0	0.000	1446.6	0
84	2	10	0.014	0.014	1.83	1.82	33.035	26.519	28.895	31.244	35.863	150.3	0.015	1446.7	9
84	2	20	-0.559	-0.560	1.32	1.31	34.021	27.342	29.722	32.076	36.703	72.3	0.026	1445.6	19
84	2	30	-1.393	-1.394	0.53	0.51	34.634	27.871	30.262	32.625	37.272	22.1	0.031	1442.6	29
84	2	40	-1.620	-1.621	0.32	0.29	34.725	27.952	30.346	32.713	37.366	14.4	0.033	1441.8	39
84	2	50	-1.672	-1.673	0.27	0.24	34.749	27.973	30.368	32.735	37.390	12.3	0.034	1441.8	49
84	2	60	-1.673	-1.674	0.28	0.24	34.763	27.985	30.379	32.746	37.401	11.2	0.035	1442.0	59
84	2	70	-1.688	-1.690	0.27	0.22	34.771	27.992	30.386	32.754	37.409	10.5	0.036	1442.1	69
84	2	80	-1.746	-1.748	0.22	0.16	34.775	27.997	30.392	32.761	37.417	10.0	0.037	1441.9	79
84	2	90	-1.762	-1.764	0.22	0.15	34.780	28.001	30.397	32.766	37.423	9.5	0.038	1442.0	89
84	2	100	-1.793	-1.795	0.19	0.12	34.785	28.006	30.402	32.771	37.429	8.9	0.039	1442.1	98
84	2	125	-1.834	-1.837	0.17	0.08	34.798	28.018	30.415	32.784	37.443	7.7	0.041	1442.3	123
84	2	150	-1.866	-1.869	0.16	0.05	34.812	28.030	30.427	32.798	37.457	6.4	0.043	1442.6	148
84	2	175	-1.881	-1.885	0.16	0.03	34.817	28.035	30.432	32.803	37.463	5.8	0.045	1442.9	173
84	2	200	-1.889	-1.893	0.17	0.02	34.824	28.041	30.438	32.809	37.469	5.1	0.046	1443.3	197
84	2	225	-1.896	-1.901	0.19	0.02	34.830	28.046	30.443	32.814	37.475	4.5	0.047	1443.7	222
84	2	250	-1.896	-1.901	0.21	0.02	34.832	28.047	30.445	32.816	37.476	4.2	0.048	1444.1	247
84	2	275	-1.895	-1.901	0.23	0.02	34.833	28.048	30.446	32.816	37.477	4.0	0.049	1444.5	271
84	2	300	-1.892	-1.899	0.25	0.02	34.835	28.050	30.447	32.818	37.478	3.7	0.050	1444.9	296
84	2	325	-1.889	-1.896	0.27	0.02	34.840	28.054	30.451	32.822	37.482	3.2	0.051	1445.3	321
84	2	350	-1.890	-1.898	0.29	0.02	34.844	28.057	30.455	32.825	37.486	2.7	0.052	1445.7	345
84	2	375	-1.891	-1.900	0.31	0.02	34.849	28.061	30.459	32.829	37.490	2.2	0.053	1446.2	370
84	2	400	-1.895	-1.904	0.32	0.02	34.852	28.064	30.461	32.832	37.492	1.8	0.053	1446.5	395
84	2	425	-1.929	-1.939	0.30	-0.02	34.859	28.070	30.468	32.839	37.501	1.0	0.053	1446.8	420
84	2	450	-1.920	-1.931	0.33	-0.01	34.863	28.073	30.471	32.842	37.504	0.6	0.054	1447.3	444
84	2	475	-1.901	-1.912	0.37	0.01	34.867	28.076	30.474	32.844	37.505	0.3	0.054	1447.8	469

Potential Temperature (°C)



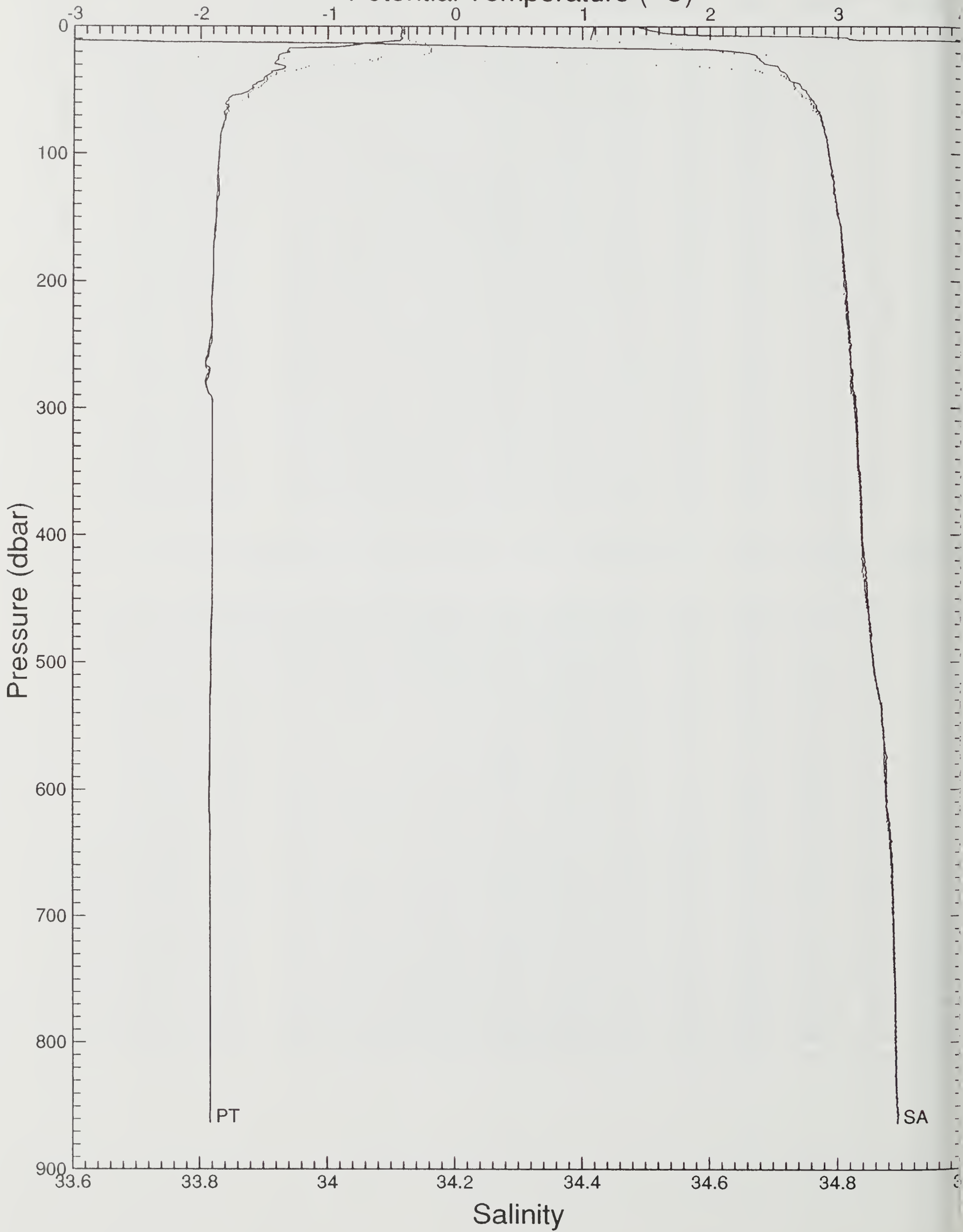
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-74.907	163.860	494	20	996	300	5	1.		0235	04	FEB	1984	PS	84	1	85

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
85	1	0	0.139	0.139	1.95	1.95	33.069	26.541	28.914	31.262	35.876	148.3	0.000	1447.2	0
85	1	10	0.120	0.120	1.94	1.93	33.087	26.556	28.930	31.277	35.893	146.9	0.015	1447.3	9
85	1	20	-0.525	-0.526	1.34	1.33	33.785	27.150	29.531	31.885	36.513	90.5	0.027	1445.4	19
85	1	30	-0.849	-0.850	1.05	1.03	34.204	27.502	29.886	32.243	36.878	57.1	0.034	1444.6	29
85	1	40	-1.060	-1.061	0.86	0.83	34.361	27.638	30.024	32.384	37.023	44.2	0.039	1444.0	39
85	1	50	-1.307	-1.308	0.63	0.59	34.509	27.767	30.156	32.519	37.165	31.9	0.043	1443.2	49
85	1	60	-1.295	-1.296	0.65	0.60	34.566	27.813	30.202	32.564	37.209	27.5	0.046	1443.5	59
85	1	70	-1.619	-1.621	0.34	0.29	34.701	27.933	30.326	32.693	37.347	16.1	0.048	1442.3	69
85	1	80	-1.825	-1.827	0.14	0.08	34.761	27.988	30.384	32.754	37.413	10.8	0.049	1441.6	79
85	1	90	-1.866	-1.868	0.11	0.04	34.782	28.006	30.403	32.773	37.433	9.0	0.050	1441.5	89
85	1	100	-1.899	-1.901	0.09	0.01	34.784	28.008	30.406	32.777	37.438	8.7	0.051	1441.6	98
85	1	125	-1.931	-1.933	0.07	-0.02	34.792	28.016	30.414	32.785	37.447	7.9	0.053	1441.8	123
85	1	150	-1.960	-1.963	0.06	-0.05	34.796	28.020	30.418	32.790	37.453	7.3	0.055	1442.1	148
85	1	175	-1.954	-1.958	0.09	-0.04	34.799	28.022	30.421	32.792	37.455	7.0	0.057	1442.5	173
85	1	200	-1.976	-1.980	0.09	-0.07	34.800	28.023	30.422	32.794	37.458	6.7	0.059	1442.8	197
85	1	225	-1.976	-1.981	0.10	-0.07	34.802	28.025	30.424	32.796	37.459	6.4	0.060	1443.2	222
85	1	250	-1.983	-1.988	0.12	-0.07	34.807	28.029	30.428	32.800	37.464	5.8	0.062	1443.6	247
85	1	275	-1.976	-1.982	0.14	-0.07	34.807	28.029	30.428	32.800	37.464	5.7	0.063	1444.1	271
85	1	300	-1.976	-1.982	0.16	-0.07	34.809	28.031	30.430	32.802	37.465	5.4	0.065	1444.5	296
85	1	325	-1.981	-1.988	0.18	-0.07	34.811	28.033	30.432	32.804	37.467	5.1	0.066	1444.9	321
85	1	350	-1.990	-1.998	0.18	-0.08	34.814	28.035	30.434	32.807	37.471	4.7	0.067	1445.2	345
85	1	375	-1.997	-2.005	0.20	-0.09	34.815	28.036	30.436	32.808	37.472	4.4	0.068	1445.6	370
85	1	400	-1.997	-2.006	0.22	-0.09	34.816	28.037	30.436	32.809	37.473	4.2	0.070	1446.0	395
85	1	425	-1.967	-1.977	0.27	-0.06	34.822	28.041	30.440	32.812	37.475	3.7	0.071	1446.6	420
85	1	450	-1.960	-1.970	0.29	-0.05	34.825	28.044	30.442	32.814	37.477	3.4	0.071	1447.0	444
85	1	475	-1.951	-1.962	0.32	-0.04	34.829	28.047	30.445	32.817	37.479	3.0	0.072	1447.5	469
85	1	477	-1.945	-1.956	0.33	-0.03	34.832	28.049	30.447	32.819	37.481	2.8	0.072	1447.5	471

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-74.905	163.847	494		996	290	5	1.		0256	04	FEB	1984	PS	84	2	85

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
85	2	0	0.133	0.133	1.95	1.95	33.071	26.543	28.916	31.264	35.878	148.2	0.000	1447.2	0
85	2	10	0.120	0.120	1.94	1.93	33.079	26.550	28.924	31.271	35.886	147.5	0.015	1447.3	9
85	2	20	-0.291	-0.292	1.56	1.54	33.428	26.851	29.230	31.582	36.206	118.9	0.028	1446.0	19
85	2	30	-0.828	-0.829	1.07	1.05	34.189	27.489	29.873	32.230	36.864	58.3	0.037	1444.7	29
85	2	40	-1.067	-1.068	0.85	0.82	34.369	27.645	30.031	32.391	37.030	43.6	0.042	1444.0	39
85	2	50	-1.290	-1.291	0.64	0.60	34.498	27.757	30.147	32.509	37.154	32.8	0.046	1443.3	49
85	2	60	-1.359	-1.360	0.59	0.54	34.612	27.852	30.242	32.605	37.251	23.8	0.049	1443.2	59
85	2	70	-1.515	-1.517	0.44	0.39	34.689	27.920	30.312	32.677	37.327	17.3	0.051	1442.8	69
85	2	80	-1.786	-1.788	0.18	0.12	34.753	27.980	30.376	32.745	37.403	11.5	0.052	1441.7	79
85	2	90	-1.869	-1.871	0.11	0.04	34.780	28.004	30.402	32.772	37.432	9.2	0.053	1441.5	89
85	2	100	-1.888	-1.890	0.10	0.02	34.786	28.010	30.407	32.778	37.439	8.6	0.054	1441.6	98
85	2	125	-1.935	-1.937	0.07	-0.02	34.795	28.018	30.417	32.788	37.450	7.6	0.056	1441.8	123
85	2	150	-1.963	-1.966	0.06	-0.05	34.796	28.020	30.419	32.790	37.453	7.3	0.058	1442.1	148
85	2	175	-1.956	-1.960	0.09	-0.05	34.797	28.020	30.419	32.791	37.454	7.1	0.060	1442.5	173
85	2	200	-1.991	-1.995	0.07	-0.08	34.799	28.023	30.422	32.794	37.458	6.7	0.062	1442.8	197
85	2	225	-1.988	-1.993	0.09	-0.08	34.803	28.026	30.425	32.798	37.461	6.3	0.063	1443.2	222
85	2	250	-1.965	-1.970	0.13	-0.05	34.805	28.027	30.426	32.798	37.461	6.0	0.065	1443.7	247
85	2	275	-1.971	-1.977	0.15	-0.06	34.807	28.029	30.428	32.800	37.463	5.7	0.066	1444.1	271
85	2	300	-1.976	-1.982	0.16	-0.07	34.809	28.031	30.430	32.802	37.465	5.4	0.068	1444.5	296
85	2	325	-1.984	-1.991	0.17	-0.07	34.813	28.034	30.433	32.805	37.469	4.9	0.069	1444.8	321
85	2	350	-1.990	-1.998	0.18	-0.08	34.812	28.034	30.433	32.805	37.469	4.8	0.070	1445.2	345
85	2	375	-1.991	-1.999	0.20	-0.08	34.814	28.035	30.435	32.807	37.471	4.5	0.071	1445.6	370
85	2	400	-1.999	-2.008	0.21	-0.09	34.813	28.035	30.434	32.806	37.471	4.4	0.072	1446.0	395
85	2	425	-1.968	-1.978	0.26	-0.06	34.819	28.039	30.438	32.810	37.473	4.0	0.073	1446.6	420
85	2	450	-1.962	-1.972	0.29	-0.05	34.825	28.044	30.442	32.814	37.477	3.4	0.074	1447.0	444
85	2	460	-1.958	-1.969	0.30	-0.05	34.826	28.044	30.443	32.815	37.478	3.3	0.075	1447.2	454

Potential Temperature (°C)



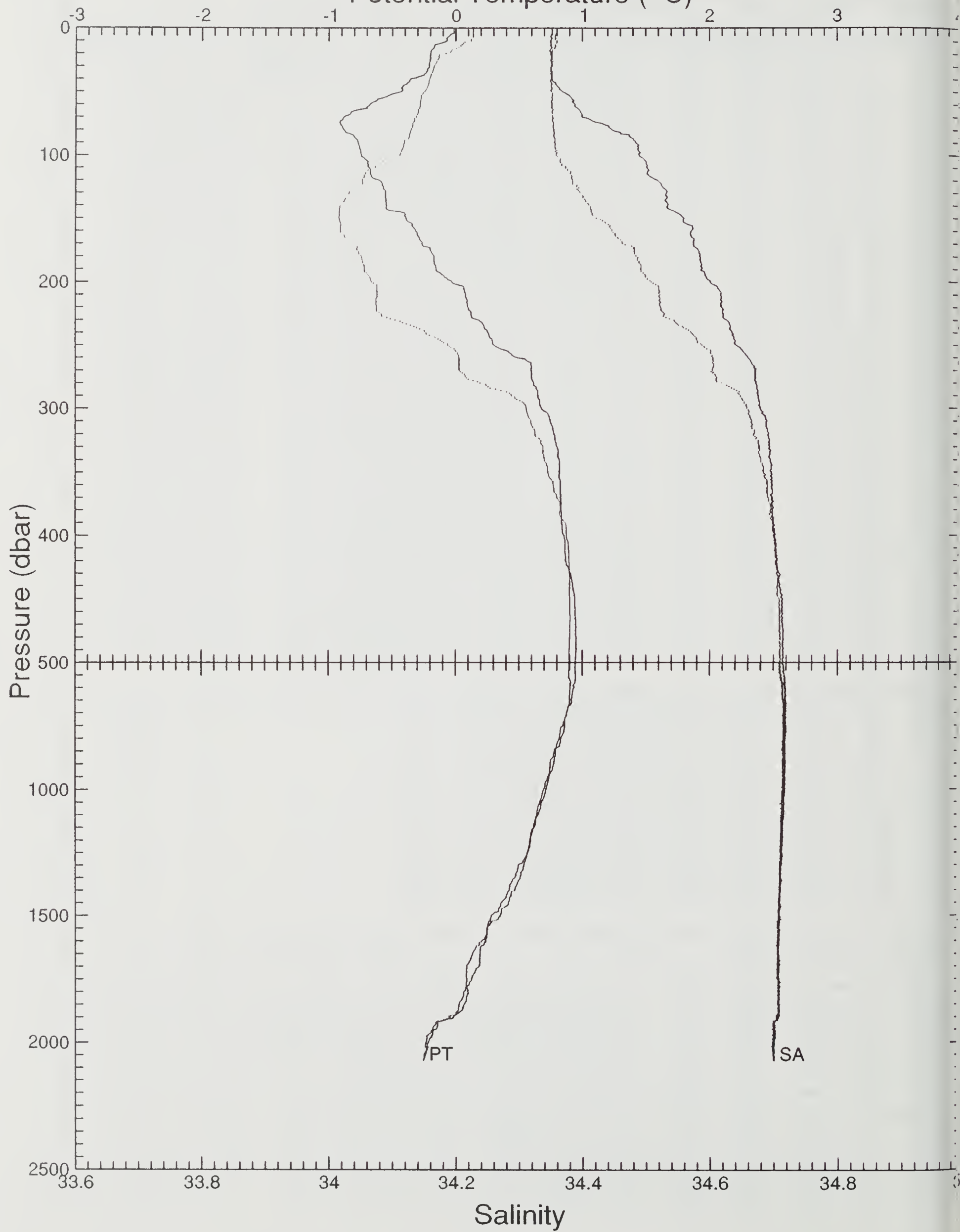
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-74.977	164.158	862	6	996	150	2	2.		0456	04	FEB	1984	PS	84	1	86

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
86	1	0	-0.424	-0.424	1.39	1.39	33.092	26.585	28.967	31.323	35.954	144.1	0.000	1444.6	0
86	1	10	-0.421	-0.421	1.42	1.41	33.417	26.848	29.229	31.582	36.211	119.2	0.013	1445.2	9
86	1	20	-1.297	-1.297	0.62	0.60	34.647	27.878	30.267	32.629	37.273	21.5	0.020	1442.9	19
86	1	30	-1.371	-1.372	0.56	0.53	34.694	27.919	30.309	32.672	37.318	17.6	0.022	1442.8	29
86	1	40	-1.498	-1.499	0.44	0.41	34.723	27.947	30.339	32.703	37.353	14.9	0.024	1442.4	39
86	1	50	-1.616	-1.617	0.33	0.29	34.750	27.973	30.366	32.732	37.385	12.4	0.025	1442.0	49
86	1	60	-1.800	-1.801	0.15	0.11	34.763	27.989	30.385	32.754	37.412	10.8	0.026	1441.3	59
86	1	70	-1.799	-1.800	0.16	0.11	34.774	27.997	30.394	32.763	37.421	9.9	0.027	1441.5	69
86	1	80	-1.821	-1.823	0.15	0.09	34.779	28.002	30.399	32.768	37.427	9.4	0.028	1441.6	79
86	1	90	-1.839	-1.841	0.14	0.07	34.783	28.006	30.403	32.773	37.432	9.0	0.029	1441.7	89
86	1	100	-1.845	-1.847	0.14	0.07	34.786	28.008	30.405	32.775	37.435	8.7	0.030	1441.8	98
86	1	125	-1.847	-1.850	0.16	0.06	34.793	28.014	30.411	32.781	37.441	8.0	0.032	1442.2	123
86	1	150	-1.867	-1.870	0.16	0.04	34.801	28.021	30.419	32.789	37.449	7.2	0.034	1442.5	148
86	1	175	-1.888	-1.892	0.16	0.02	34.809	28.028	30.426	32.796	37.457	6.4	0.036	1442.9	173
86	1	200	-1.893	-1.897	0.17	0.02	34.814	28.033	30.430	32.801	37.462	5.9	0.037	1443.2	197
86	1	225	-1.896	-1.901	0.19	0.02	34.817	28.035	30.433	32.803	37.464	5.5	0.039	1443.6	222
86	1	250	-1.918	-1.923	0.18	-0.01	34.822	28.040	30.438	32.809	37.470	4.9	0.040	1443.9	247
86	1	275	-1.922	-1.928	0.20	-0.01	34.824	28.042	30.440	32.811	37.472	4.6	0.041	1444.3	271
86	1	300	-1.890	-1.897	0.25	0.02	34.830	28.046	30.443	32.814	37.474	4.1	0.042	1444.9	296
86	1	325	-1.892	-1.899	0.27	0.02	34.832	28.047	30.445	32.815	37.476	3.8	0.043	1445.3	321
86	1	350	-1.891	-1.899	0.29	0.02	34.836	28.051	30.448	32.819	37.479	3.4	0.044	1445.7	345
86	1	375	-1.891	-1.900	0.30	0.02	34.838	28.052	30.450	32.820	37.481	3.1	0.045	1446.1	370
86	1	400	-1.889	-1.898	0.32	0.02	34.839	28.053	30.450	32.821	37.482	2.9	0.046	1446.6	395
86	1	425	-1.888	-1.898	0.35	0.03	34.845	28.058	30.455	32.826	37.486	2.3	0.046	1447.0	420
86	1	450	-1.888	-1.899	0.36	0.03	34.848	28.060	30.458	32.828	37.489	1.9	0.047	1447.4	444
86	1	475	-1.895	-1.906	0.38	0.02	34.853	28.065	30.462	32.833	37.493	1.4	0.047	1447.8	469
86	1	500	-1.897	-1.909	0.39	0.02	34.857	28.068	30.466	32.836	37.497	0.9	0.048	1448.2	494
86	1	550	-1.902	-1.915	0.43	0.01	34.871	28.080	30.477	32.848	37.509	-0.4	0.048	1449.0	543
86	1	600	-1.908	-1.923	0.46	0.01	34.877	28.085	30.482	32.853	37.514	-1.2	0.047	1449.8	592
86	1	650	-1.898	-1.915	0.51	0.02	34.885	28.091	30.488	32.859	37.520	-2.0	0.047	1450.7	642
86	1	700	-1.896	-1.914	0.55	0.02	34.887	28.093	30.490	32.861	37.521	-2.4	0.045	1451.5	691
86	1	750	-1.895	-1.915	0.59	0.02	34.890	28.095	30.492	32.863	37.524	-2.9	0.044	1452.3	740
86	1	800	-1.893	-1.915	0.62	0.02	34.891	28.096	30.493	32.864	37.524	-3.3	0.043	1453.2	789
86	1	850	-1.893	-1.916	0.66	0.02	34.893	28.097	30.495	32.866	37.526	-3.7	0.041	1454.0	839
86	1	863	-1.892	-1.916	0.67	0.02	34.894	28.098	30.496	32.866	37.527	-3.8	0.040	1454.2	852

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
86	4	2	-0.369	-0.369	32.920	26.444	9.32	3.7	0.34	41.0						2.84	12	2
86	4	41	-1.475	-1.476	34.719	27.943	8.02	23.2	1.62	64.1						1.61	11	40
86		53	-1.623	-1.624	34.744	27.968	7.11	27.1	2.00	71.2						1.89	10	52
86		70	-1.802	-1.803	34.772	27.996	6.79	28.8	2.12	74.0						1.70	9	69
86		153	-1.872	-1.875	34.800	28.021	6.67	29.7	2.15	75.5						1.70	8	151
86		277	-1.944	-1.950	34.824	28.042	6.73	29.7	2.15	76.3							7	274
86		355	-1.892	-1.900	34.834	28.049	6.65	30.0	2.16	77.6						1.69	6	351
86		507	-1.898	-1.910	34.857	28.068	6.81	29.4	2.14	76.6							5	501
86		606	-1.905	-1.920	34.877	28.085	6.87	29.4	2.12	76.5						1.79	4	599
86		710	-1.897	-1.916	34.885	28.091	6.87	29.4	2.12	76.1						1.85	3	701
86		856	-1.893	-1.917	34.891	28.096	6.86	29.4	2.13	76.5						1.64	2	846
86		857	-1.893	-1.917	34.890	28.095	6.85	29.3	2.13	76.6							1	846

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-74.973	164.140	862		996	150	2	2.		0545	04	FEB	1984	PS	84	2	86

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
86	2	0	-0.369	-0.369	1.44	1.44	33.019	26.524	28.905	31.260	35.890	150.0	0.000	1444.8	0
86	2	10	-0.369	-0.369	1.45	1.44	33.013	26.519	28.901	31.256	35.886	150.4	0.015	1444.9	9
86	2	20	-0.188	-0.189	1.65	1.63	33.220	26.678	29.056	31.408	36.031	135.2	0.029	1446.2	19
86	2	30	-0.951	-0.952	0.97	0.94	34.516	27.759	30.143	32.501	37.135	32.7	0.038	1444.6	29
86	2	40	-1.476	-1.477	0.46	0.43	34.719	27.943	30.334	32.699	37.347	15.3	0.040	1442.5	39
86	2	50	-1.586	-1.587	0.36	0.32	34.737	27.961	30.354	32.720	37.372	13.5	0.042	1442.2	49
86	2	60	-1.763	-1.764	0.19	0.15	34.759	27.984	30.380	32.749	37.406	11.2	0.043	1441.5	59
86	2	70	-1.802	-1.803	0.16	0.11	34.772	27.996	30.392	32.761	37.420	10.1	0.044	1441.5	69
86	2	80	-1.828	-1.830	0.14	0.08	34.778	28.002	30.398	32.768	37.427	9.5	0.045	1441.6	79
86	2	90	-1.839	-1.841	0.14	0.07	34.783	28.006	30.403	32.773	37.432	9.0	0.046	1441.7	89
86	2	100	-1.850	-1.852	0.14	0.06	34.787	28.009	30.406	32.776	37.436	8.6	0.047	1441.8	98
86	2	125	-1.862	-1.865	0.14	0.05	34.793	28.015	30.412	32.782	37.442	8.0	0.049	1442.1	123
86	2	150	-1.870	-1.873	0.15	0.04	34.802	28.022	30.419	32.790	37.450	7.1	0.051	1442.5	148

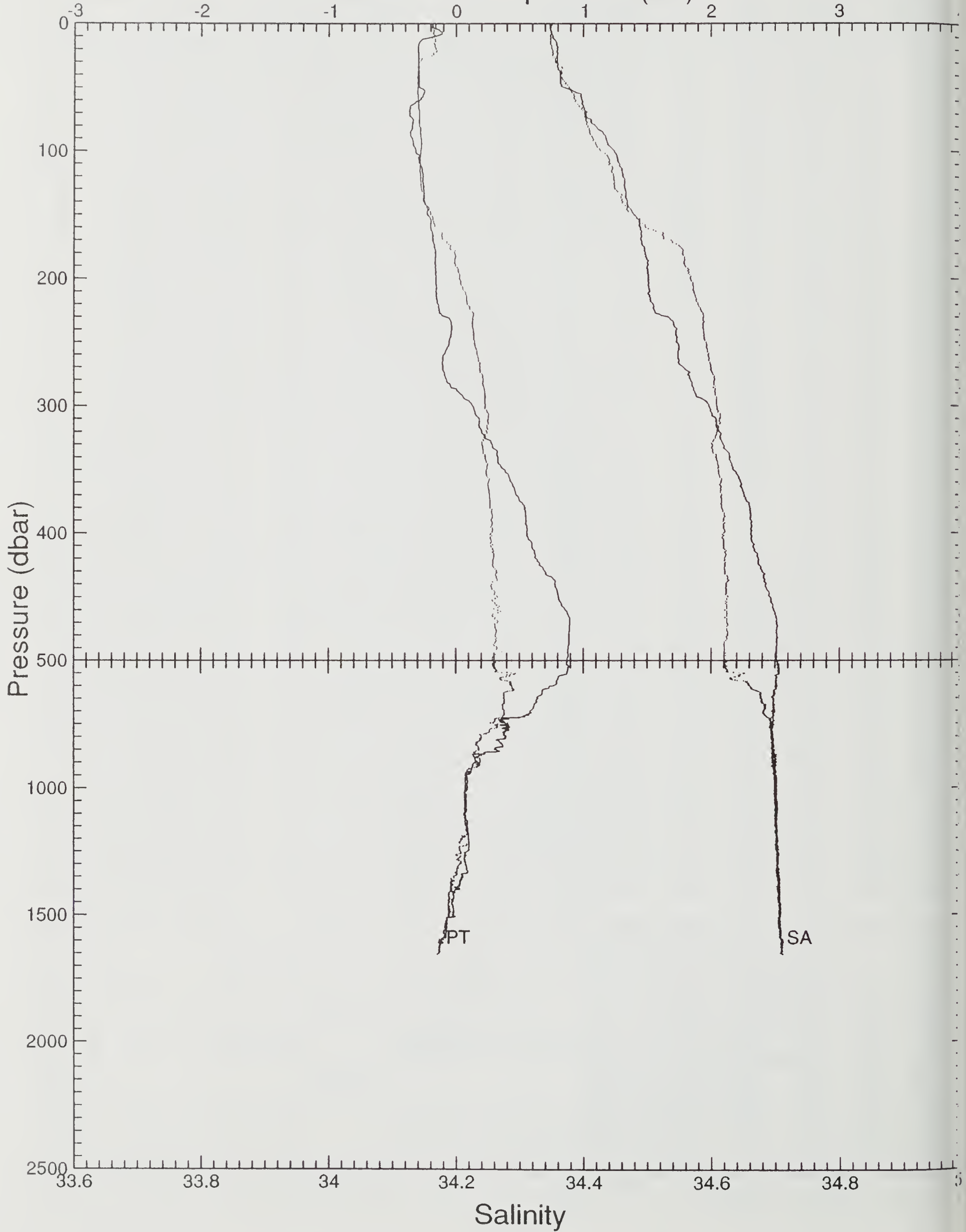
Potential Temperature ($^{\circ}\text{C}$)

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-71.543	172.743	2056	6	996	260	2	1.		0511	05	FEB	1984	PS	84	1	87

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
87	1	0	-0.014	-0.014	1.87	1.87	34.353	27.585	29.955	32.299	36.907	49.4	0.000	1448.2	0
87	1	10	-0.068	-0.068	1.82	1.82	34.350	27.585	29.956	32.301	36.911	49.3	0.005	1448.1	9
87	1	20	-0.198	-0.199	1.70	1.69	34.350	27.592	29.965	32.311	36.925	48.7	0.010	1447.7	19
87	1	30	-0.207	-0.208	1.70	1.68	34.351	27.593	29.966	32.313	36.927	48.6	0.015	1447.8	29
87	1	40	-0.357	-0.358	1.56	1.53	34.352	27.601	29.977	32.326	36.944	47.8	0.020	1447.3	39
87	1	50	-0.426	-0.428	1.50	1.46	34.369	27.618	29.995	32.344	36.965	46.1	0.024	1447.1	49
87	1	60	-0.675	-0.677	1.26	1.21	34.389	27.645	30.025	32.379	37.007	43.5	0.029	1446.2	59
87	1	70	-0.878	-0.880	1.06	1.01	34.400	27.662	30.046	32.403	37.036	41.8	0.033	1445.4	69
87	1	80	-0.877	-0.879	1.07	1.01	34.447	27.700	30.084	32.440	37.073	38.2	0.037	1445.6	79
87	1	90	-0.765	-0.768	1.19	1.13	34.484	27.726	30.107	32.462	37.091	35.8	0.041	1446.4	89
87	1	100	-0.739	-0.742	1.23	1.15	34.490	27.730	30.111	32.465	37.093	35.4	0.044	1446.7	98
87	1	125	-0.562	-0.566	1.43	1.33	34.527	27.752	30.130	32.481	37.104	33.3	0.053	1447.9	123
87	1	150	-0.385	-0.390	1.62	1.51	34.561	27.771	30.147	32.495	37.113	31.5	0.061	1449.2	148
87	1	175	-0.191	-0.197	1.84	1.71	34.583	27.780	30.152	32.498	37.109	30.7	0.069	1450.5	173
87	1	200	-0.021	-0.028	2.03	1.88	34.602	27.786	30.156	32.499	37.106	30.2	0.076	1451.8	197
87	1	225	0.133	0.124	2.20	2.03	34.622	27.794	30.162	32.502	37.104	29.5	0.084	1452.9	222
87	1	250	0.316	0.306	2.41	2.22	34.643	27.801	30.166	32.504	37.100	29.0	0.091	1454.2	247
87	1	275	0.615	0.603	2.73	2.52	34.672	27.807	30.167	32.500	37.088	28.7	0.098	1456.0	271
87	1	300	0.693	0.680	2.82	2.60	34.680	27.809	30.168	32.500	37.085	28.6	0.105	1456.8	296
87	1	325	0.803	0.788	2.95	2.71	34.695	27.814	30.171	32.502	37.084	28.3	0.113	1457.7	321
87	1	350	0.836	0.820	3.00	2.74	34.698	27.814	30.171	32.501	37.083	28.3	0.120	1458.2	346
87	1	375	0.851	0.834	3.04	2.76	34.698	27.814	30.170	32.500	37.081	28.5	0.127	1458.7	370
87	1	400	0.875	0.857	3.08	2.78	34.700	27.814	30.170	32.499	37.080	28.5	0.134	1459.2	395
87	1	425	0.908	0.888	3.13	2.81	34.707	27.817	30.173	32.502	37.081	28.3	0.141	1459.8	420
87	1	450	0.962	0.941	3.21	2.87	34.715	27.820	30.175	32.503	37.081	28.1	0.148	1460.5	444
87	1	475	0.971	0.948	3.23	2.88	34.716	27.821	30.175	32.504	37.081	28.2	0.155	1460.9	469
87	1	500	0.967	0.943	3.25	2.87	34.715	27.820	30.175	32.503	37.081	28.3	0.162	1461.3	494
87	1	550	0.971	0.944	3.29	2.88	34.717	27.822	30.176	32.505	37.082	28.3	0.176	1462.2	543
87	1	600	0.963	0.934	3.32	2.87	34.719	27.824	30.179	32.507	37.085	28.2	0.190	1462.9	592
87	1	650	0.945	0.913	3.34	2.85	34.720	27.826	30.181	32.510	37.089	28.0	0.204	1463.7	642
87	1	700	0.908	0.874	3.34	2.81	34.719	27.828	30.184	32.513	37.093	27.9	0.218	1464.3	691
87	1	750	0.897	0.860	3.37	2.80	34.720	27.830	30.186	32.515	37.095	27.9	0.232	1465.1	740
87	1	800	0.869	0.829	3.38	2.77	34.719	27.831	30.187	32.517	37.098	27.8	0.246	1465.8	790
87	1	850	0.830	0.788	3.38	2.74	34.719	27.833	30.190	32.521	37.103	27.6	0.260	1466.5	839
87	1	900	0.818	0.773	3.40	2.72	34.717	27.833	30.190	32.521	37.103	27.7	0.274	1467.2	888
87	1	950	0.782	0.734	3.40	2.69	34.718	27.836	30.194	32.525	37.109	27.4	0.288	1467.9	937
87	1	1000	0.762	0.712	3.42	2.67	34.716	27.836	30.194	32.526	37.110	27.5	0.301	1468.6	987
87	1	1100	0.705	0.649	3.44	2.61	34.714	27.838	30.197	32.530	37.116	27.3	0.329	1470.0	1085
87	1	1200	0.651	0.589	3.46	2.56	34.714	27.842	30.202	32.535	37.123	26.9	0.356	1471.4	1184
87	1	1300	0.561	0.494	3.45	2.47	34.711	27.845	30.206	32.541	37.132	26.4	0.382	1472.7	1282
87	1	1400	0.493	0.421	3.45	2.40	34.710	27.849	30.211	32.547	37.140	26.0	0.409	1474.1	1380
87	1	1500	0.357	0.280	3.39	2.26	34.709	27.856	30.221	32.558	37.155	24.8	0.434	1475.1	1479
87	1	1600	0.320	0.237	3.43	2.23	34.707	27.857	30.222	32.561	37.159	24.7	0.459	1476.6	1577
87	1	1700	0.272	0.183	3.46	2.18	34.709	27.861	30.227	32.567	37.166	24.1	0.483	1478.1	1675
87	1	1800	0.190	0.095	3.45	2.10	34.708	27.865	30.233	32.573	37.175	23.4	0.507	1479.4	1773
87	1	1900	0.080	-0.020	3.42	1.99	34.708	27.872	30.241	32.583	37.188	22.3	0.530	1480.5	1871
87	1	2000	-0.112	-0.216	3.30	1.79	34.700	27.875	30.247	32.593	37.204	20.9	0.551	1481.3	1969
87	1	2071	-0.147	-0.255	3.32	1.76	34.700	27.877	30.250	32.596	37.208	20.5	0.566	1482.4	2039

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
87		5	0.138	0.138	34.358	27.581	7.68				366	369					11	5
87	1	5	0.138	0.138	34.358	27.581		27.0	1.94	72.4			2179	2320			12	5
87		87	-0.368	-0.371	34.356	27.605	7.67	27.1	1.95	73.0			2181	2323		1.82	10	86
87	1	87	-0.368	-0.371	34.357	27.605					366	360					9	86
87	1	279	0.185	0.174	34.612	27.784					474	477					7	276
87		280	0.207	0.196	34.619	27.788	5.13	31.2	2.25	97.7			2232	2340	1.14	0.54	8	277
87		551	0.918	0.892	34.710	27.819	4.49	31.6	2.29	112.3			2245	2349		0.11	6	544
87	1	551	0.918	0.892	34.711	27.820					489	509					5	544
87	1	1220	0.648	0.585	34.712	27.840					483	497					3	1204
87		1220	0.648	0.585	34.707	27.836	4.67	31.8	2.29	123.8			2249	2356	0.08	0.11	4	1204
87	1	2056	-0.139	-0.247	34.701	27.878					473	470					1	2025
87		2058	-0.139	-0.247	34.697	27.874	5.24	31.3	2.26	105.3			2244	2354	1.06	0.45	2	2027

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-71.522	172.790	2056		996	270	1	4.		0653	05	FEB	1984	PS	84	2	87

Potential Temperature ($^{\circ}\text{C}$)

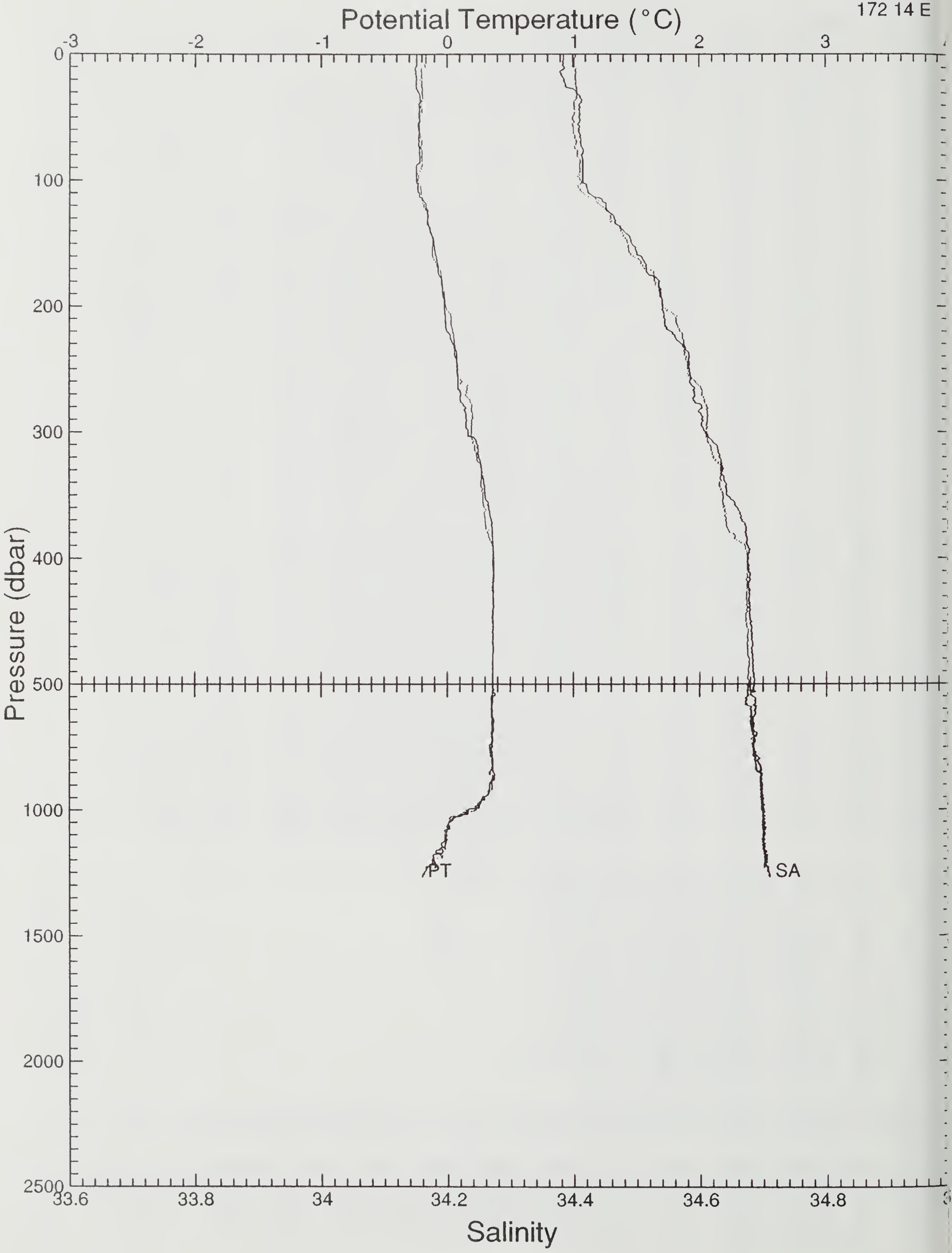
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-71.710	172.407	1650		996	120	2	1.		0858	05	FEB	1984	PS	84	1	88

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
88	1	0	-0.184	-0.184	1.70	1.70	34.347	27.588	29.961	32.308	36.921	49.0	0.000	1447.4	0
88	1	10	-0.173	-0.173	1.72	1.71	34.352	27.592	29.965	32.311	36.924	48.7	0.005	1447.6	9
88	1	20	-0.296	-0.297	1.60	1.59	34.359	27.604	29.978	32.326	36.943	47.6	0.010	1447.2	19
88	1	30	-0.295	-0.296	1.61	1.59	34.358	27.603	29.977	32.325	36.942	47.6	0.015	1447.4	29
88	1	40	-0.291	-0.292	1.63	1.59	34.363	27.607	29.981	32.329	36.945	47.2	0.019	1447.6	39
88	1	50	-0.283	-0.285	1.64	1.60	34.370	27.612	29.986	32.334	36.950	46.7	0.024	1447.8	49
88	1	60	-0.288	-0.290	1.65	1.60	34.398	27.635	30.009	32.357	36.973	44.5	0.029	1448.0	59
88	1	70	-0.361	-0.363	1.58	1.53	34.403	27.642	30.018	32.367	36.985	43.8	0.033	1447.8	69
88	1	80	-0.342	-0.345	1.61	1.55	34.419	27.654	30.030	32.378	36.995	42.6	0.037	1448.1	79
88	1	90	-0.339	-0.342	1.62	1.55	34.436	27.668	30.043	32.391	37.009	41.3	0.041	1448.3	89
88	1	100	-0.312	-0.315	1.65	1.58	34.449	27.677	30.052	32.400	37.016	40.5	0.046	1448.6	98
88	1	125	-0.255	-0.259	1.73	1.64	34.465	27.687	30.061	32.408	37.023	39.5	0.056	1449.3	123
88	1	150	-0.219	-0.224	1.79	1.67	34.479	27.697	30.070	32.417	37.030	38.6	0.065	1449.9	148
88	1	175	-0.162	-0.168	1.86	1.73	34.496	27.708	30.080	32.426	37.037	37.5	0.075	1450.6	173
88	1	200	-0.148	-0.155	1.90	1.75	34.502	27.712	30.084	32.429	37.041	37.1	0.084	1451.0	197
88	1	225	-0.122	-0.130	1.94	1.77	34.512	27.719	30.091	32.435	37.046	36.5	0.093	1451.6	222
88	1	250	-0.042	-0.051	2.04	1.85	34.546	27.742	30.113	32.456	37.064	34.3	0.102	1452.4	247
88	1	275	-0.078	-0.088	2.03	1.82	34.565	27.760	30.130	32.474	37.083	32.6	0.110	1452.7	271
88	1	300	0.147	0.135	2.27	2.05	34.597	27.774	30.141	32.481	37.083	31.5	0.118	1454.2	296
88	1	325	0.240	0.227	2.38	2.14	34.615	27.783	30.149	32.488	37.087	30.7	0.126	1455.0	321
88	1	350	0.403	0.388	2.57	2.30	34.635	27.790	30.153	32.490	37.084	30.2	0.134	1456.2	346
88	1	375	0.523	0.507	2.71	2.43	34.656	27.800	30.161	32.496	37.087	29.4	0.141	1457.2	370
88	1	400	0.576	0.559	2.78	2.48	34.663	27.803	30.163	32.497	37.086	29.3	0.149	1457.8	395
88	1	425	0.675	0.656	2.90	2.58	34.675	27.806	30.165	32.498	37.084	29.1	0.156	1458.7	420
88	1	450	0.827	0.806	3.07	2.73	34.693	27.811	30.168	32.499	37.080	28.8	0.163	1459.8	444
88	1	475	0.914	0.892	3.18	2.82	34.703	27.814	30.169	32.499	37.078	28.7	0.170	1460.6	469
88	1	500	0.899	0.875	3.18	2.80	34.703	27.815	30.171	32.500	37.080	28.7	0.178	1461.0	494
88	1	550	0.898	0.872	3.22	2.80	34.706	27.818	30.173	32.503	37.083	28.5	0.192	1461.8	543
88	1	600	0.787	0.759	3.14	2.69	34.700	27.820	30.178	32.509	37.092	28.2	0.206	1462.1	592
88	1	650	0.673	0.643	3.07	2.58	34.697	27.825	30.184	32.517	37.103	27.7	0.220	1462.4	642
88	1	700	0.614	0.581	3.05	2.52	34.694	27.826	30.186	32.520	37.108	27.5	0.234	1463.0	691
88	1	750	0.433	0.399	2.90	2.34	34.696	27.839	30.201	32.538	37.131	26.0	0.247	1463.0	740
88	1	800	0.431	0.394	2.94	2.34	34.694	27.837	30.200	32.537	37.130	26.2	0.260	1463.8	790
88	1	850	0.352	0.313	2.90	2.26	34.699	27.846	30.210	32.548	37.143	25.3	0.273	1464.3	839
88	1	900	0.202	0.161	2.79	2.11	34.699	27.855	30.221	32.561	37.161	24.1	0.285	1464.4	888
88	1	950	0.111	0.069	2.73	2.02	34.701	27.861	30.229	32.570	37.173	23.3	0.297	1464.8	937
88	1	1000	0.118	0.073	2.78	2.02	34.701	27.861	30.229	32.570	37.172	23.3	0.309	1465.7	987
88	1	1100	0.120	0.069	2.85	2.02	34.702	27.862	30.230	32.571	37.174	23.2	0.332	1467.3	1085
88	1	1200	0.156	0.099	2.97	2.06	34.702	27.860	30.228	32.568	37.170	23.5	0.356	1469.2	1184
88	1	1300	0.137	0.075	3.02	2.04	34.702	27.862	30.229	32.570	37.173	23.4	0.379	1470.8	1282
88	1	1400	0.095	0.027	3.06	2.00	34.706	27.867	30.236	32.578	37.182	22.7	0.402	1472.2	1380
88	1	1500	0.046	-0.028	3.08	1.95	34.707	27.871	30.240	32.583	37.188	22.2	0.425	1473.7	1479
88	1	1600	-0.056	-0.135	3.06	1.85	34.711	27.880	30.251	32.595	37.204	20.9	0.446	1474.9	1577
88	1	1613	-0.041	-0.121	3.08	1.86	34.709	27.878	30.248	32.592	37.200	21.2	0.449	1475.2	1590

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
88		4	-0.161	-0.161	34.353	27.592	7.67										12	4
88		81	-0.277	-0.280	34.411	27.645	7.07									1.99	11	80
88		191	0.017	0.010	34.562	27.752	5.64							2.39	0.98	10	189	
88		382	0.298	0.282	34.616	27.781	5.20							1.74	0.69	9	377	
88		547	0.387	0.363	34.625	27.783	5.15							1.41	0.66	8	541	
88		812	0.229	0.193	34.696	27.850	4.96							.95	0.38	7	802	
88		1014	0.111	0.065	34.703	27.863	5.11							1.07	0.50	6	1002	
88		1217	0.086	0.029	34.699	27.862	5.09							1.11	0.53	5	1201	
88		1318	0.068	0.005	34.708	27.870	5.13							1.16	0.53	4	1301	
88		1422	0.009	-0.059	34.703	27.870	5.18							1.17	0.55	3	1403	
88		1519	0.004	-0.070	34.703	27.870	5.19							1.28		2	1498	
88		1641	-0.052	-0.133	34.713	27.882										1	1618	

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-71.725	172.277	1650		996	140	1	2.		1035	05	FEB	1984	PS	84	2	88

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
88	2	0	-0.161	-0.161	1.72	1.72	34.351	27.590	29.963	32.309	36.922	48.8	0.000	1447.5	0
88	2	10	-0.181	-0.181	1.71	1.70	34.348	27.589	29.962	32.308	36.922	48.9	0.005	1447.6	9
88	2	20	-0.156	-0.157	1.74	1.73	34.351	27.590	29.963	32.309	36.921	48.8	0.010	1447.9	19
88	2	30	-0.291	-0.292	1.62	1.59	34.356	27.601	29.976	32.324	36.940	47.8	0.015	1447.4	29



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-71.733	172.237	1266	8	997	150	1	3.		1141	05	FEB	1984	PS	84	1	89

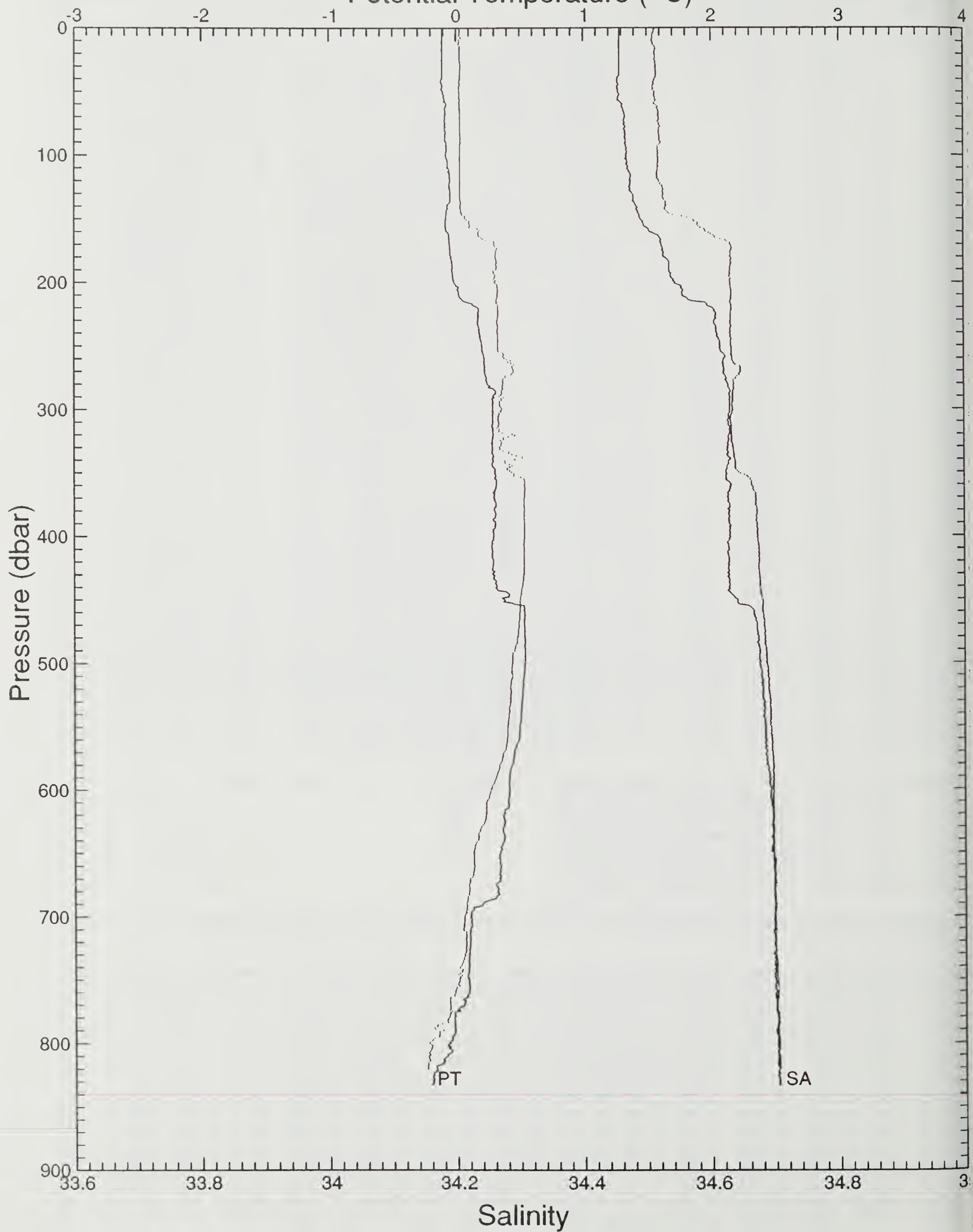
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
89	1	0	-0.241	-0.241	1.65	1.65	34.385	27.622	29.996	32.343	36.957	45.9	0.000	1447.2	0
89	1	10	-0.249	-0.249	1.65	1.64	34.386	27.623	29.997	32.344	36.959	45.7	0.005	1447.3	9
89	1	20	-0.242	-0.243	1.66	1.65	34.386	27.623	29.997	32.344	36.958	45.7	0.009	1447.5	19
89	1	30	-0.224	-0.225	1.69	1.66	34.406	27.638	30.012	32.358	36.972	44.3	0.014	1447.8	29
89	1	40	-0.222	-0.223	1.70	1.67	34.410	27.641	30.015	32.361	36.975	44.0	0.018	1448.0	39
89	1	50	-0.222	-0.224	1.70	1.67	34.410	27.641	30.015	32.361	36.975	44.0	0.023	1448.1	49
89	1	60	-0.224	-0.226	1.71	1.66	34.410	27.641	30.015	32.362	36.975	43.9	0.027	1448.3	59
89	1	70	-0.224	-0.226	1.72	1.67	34.412	27.643	30.016	32.363	36.977	43.8	0.031	1448.5	69
89	1	80	-0.214	-0.217	1.74	1.68	34.413	27.643	30.017	32.363	36.977	43.7	0.036	1448.7	79
89	1	90	-0.241	-0.244	1.72	1.65	34.416	27.647	30.021	32.368	36.982	43.3	0.040	1448.7	89
89	1	100	-0.237	-0.240	1.73	1.65	34.416	27.647	30.021	32.367	36.982	43.3	0.044	1448.9	98
89	1	125	-0.151	-0.155	1.83	1.74	34.458	27.677	30.049	32.394	37.006	40.5	0.055	1449.7	123
89	1	150	-0.097	-0.102	1.91	1.80	34.494	27.703	30.074	32.419	37.028	38.0	0.065	1450.5	148
89	1	175	-0.055	-0.061	1.97	1.84	34.521	27.723	30.093	32.437	37.045	36.2	0.074	1451.1	173
89	1	200	-0.010	-0.017	2.04	1.89	34.542	27.737	30.107	32.450	37.057	34.8	0.083	1451.7	197
89	1	225	0.037	0.029	2.10	1.93	34.563	27.752	30.121	32.463	37.068	33.5	0.091	1452.4	222
89	1	250	0.095	0.086	2.18	1.99	34.585	27.767	30.135	32.476	37.079	32.1	0.100	1453.1	247
89	1	275	0.120	0.109	2.23	2.02	34.591	27.770	30.138	32.479	37.081	31.8	0.107	1453.6	271
89	1	300	0.178	0.166	2.30	2.08	34.610	27.782	30.149	32.489	37.090	30.7	0.115	1454.3	296
89	1	325	0.281	0.268	2.43	2.18	34.636	27.798	30.163	32.501	37.099	29.3	0.123	1455.2	321
89	1	350	0.315	0.301	2.48	2.22	34.643	27.802	30.166	32.504	37.101	29.0	0.130	1455.8	346
89	1	375	0.371	0.355	2.56	2.27	34.674	27.823	30.187	32.524	37.119	27.0	0.137	1456.5	370
89	1	400	0.382	0.365	2.59	2.29	34.678	27.826	30.190	32.526	37.121	26.8	0.144	1457.0	395
89	1	425	0.384	0.366	2.61	2.29	34.680	27.828	30.191	32.528	37.122	26.7	0.151	1457.4	420
89	1	450	0.376	0.357	2.62	2.28	34.683	27.831	30.194	32.531	37.126	26.4	0.157	1457.8	444
89	1	475	0.385	0.365	2.65	2.29	34.682	27.829	30.193	32.530	37.124	26.6	0.164	1458.2	469
89	1	500	0.381	0.360	2.66	2.29	34.686	27.833	30.196	32.533	37.128	26.3	0.170	1458.6	494
89	1	550	0.384	0.360	2.70	2.29	34.685	27.832	30.195	32.532	37.127	26.4	0.184	1459.5	543
89	1	600	0.380	0.354	2.74	2.28	34.689	27.836	30.199	32.536	37.131	26.1	0.197	1460.3	592
89	1	650	0.396	0.367	2.79	2.30	34.685	27.832	30.195	32.532	37.126	26.5	0.210	1461.2	642
89	1	700	0.386	0.355	2.82	2.29	34.689	27.836	30.199	32.536	37.131	26.2	0.223	1461.9	691
89	1	750	0.372	0.338	2.84	2.28	34.685	27.833	30.197	32.534	37.130	26.4	0.236	1462.7	740
89	1	800	0.389	0.352	2.90	2.29	34.687	27.834	30.198	32.535	37.129	26.4	0.249	1463.6	790
89	1	850	0.411	0.372	2.96	2.32	34.695	27.839	30.203	32.539	37.134	26.0	0.262	1464.5	839
89	1	900	0.377	0.335	2.96	2.28	34.699	27.845	30.209	32.546	37.141	25.5	0.275	1465.2	888
89	1	950	0.341	0.297	2.96	2.25	34.699	27.847	30.211	32.549	37.145	25.2	0.288	1465.9	937
89	1	1000	0.190	0.144	2.85	2.10	34.699	27.855	30.222	32.562	37.163	24.0	0.300	1466.0	987
89	1	1100	0.029	-0.021	2.76	1.93	34.700	27.865	30.234	32.577	37.182	22.7	0.324	1466.9	1085
89	1	1200	-0.067	-0.122	2.74	1.84	34.705	27.874	30.245	32.589	37.197	21.5	0.346	1468.2	1184
89	1	1268	-0.145	-0.203	2.71	1.76	34.710	27.883	30.254	32.600	37.210	20.4	0.360	1468.9	1250

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
89		103	-0.225	-0.228	34.411	27.642	7.15									1.99	11	102
89		407	0.384	0.367	34.675	27.824	4.93								1.09	0.46	9	403
89		714	0.385	0.353	34.683	27.831	4.94								.83	0.41	8	706
89		918	0.395	0.352	34.696	27.841	4.86								.86	0.37	6	907
89		1158	0.011	-0.042	34.701	27.867	5.13								1.15	0.52	4	1143
89		1266	-0.141	-0.199	34.710	27.882	5.31								1.41	0.70	2	1249

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-71.732	172.235	1266		997	170	5	1.		1244	05	FEB	1984	PS	84	2	89

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
89	2	0	-0.169	-0.169	1.72	1.72	34.405	27.635	30.007	32.353	36.965	44.7	0.000	1447.6	0
89	2	10	-0.176	-0.176	1.72	1.71	34.402	27.632	30.005	32.351	36.964	44.8	0.004	1447.7	9
89	2	20	-0.213	-0.214	1.69	1.67	34.404	27.636	30.009	32.356	36.969	44.5	0.009	1447.7	19
89	2	30	-0.196	-0.197	1.72	1.69	34.406	27.637	30.010	32.356	36.969	44.4	0.013	1447.9	29
89	2	40	-0.200	-0.201	1.72	1.69	34.402	27.634	30.007	32.353	36.966	44.7	0.018	1448.1	39
89	2	50	-0.217	-0.219	1.71	1.67	34.400	27.633	30.006	32.353	36.967	44.7	0.022	1448.1	49
89	2	60	-0.219	-0.221	1.71	1.67	34.401	27.634	30.007	32.354	36.968	44.6	0.027	1448.3	59
89	2	70	-0.200	-0.202	1.74	1.69	34.406	27.637	30.010	32.356	36.970	44.3	0.031	1448.6	69
89	2	80	-0.195	-0.198	1.75	1.69	34.407	27.638	30.011	32.357	36.970	44.3	0.036	1448.7	79
89	2	90	-0.205	-0.208	1.75	1.68	34.411	27.641	30.014	32.361	36.974	43.9	0.040	1448.9	89
89	2	100	-0.226	-0.229	1.74	1.66	34.412	27.643	30.017	32.363	36.977	43.7	0.044	1448.9	98
89	2	125	-0.152	-0.156	1.83	1.74	34.457	27.676	30.048	32.394	37.005	40.6	0.055	1449.7	123
89	2	150	-0.108	-0.113	1.90	1.78	34.487	27.698	30.069	32.414	37.024	38.5	0.065	1450.4	148
89	2	175	-0.038	-0.044	1.99	1.86	34.529	27.728	30.099	32.442	37.050	35.7	0.074	1451.2	173

Potential Temperature (°C)



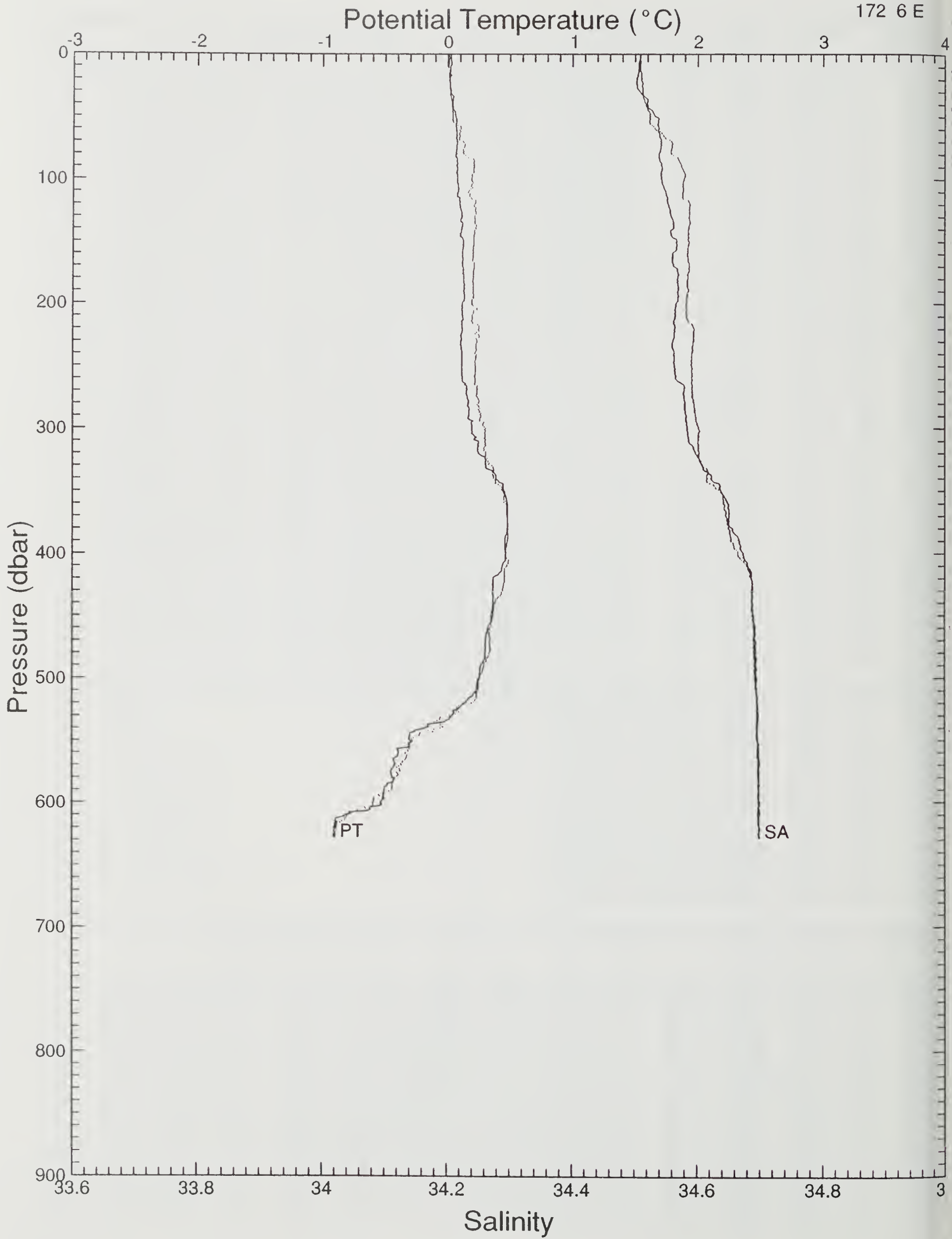
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-71.725	172.175	833		996	180	6	-1.		1435	05	FEB	1984	PS	84	1	90

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
90	1	0	-0.108	-0.108	1.78	1.78	34.457	27.673	30.045	32.390	37.000	41.0	0.000	1447.9	0
90	1	10	-0.108	-0.108	1.79	1.78	34.457	27.673	30.045	32.390	37.000	41.0	0.004	1448.1	9
90	1	20	-0.108	-0.109	1.80	1.78	34.457	27.673	30.045	32.390	37.000	40.9	0.008	1448.2	19
90	1	30	-0.108	-0.109	1.81	1.78	34.457	27.674	30.045	32.390	37.000	40.9	0.012	1448.4	29
90	1	40	-0.110	-0.111	1.81	1.78	34.454	27.671	30.043	32.388	36.998	41.1	0.016	1448.6	39
90	1	50	-0.099	-0.101	1.83	1.79	34.455	27.671	30.043	32.387	36.997	41.1	0.021	1448.8	49
90	1	60	-0.073	-0.075	1.86	1.82	34.462	27.676	30.047	32.391	37.000	40.7	0.025	1449.1	59
90	1	70	-0.082	-0.084	1.86	1.81	34.466	27.680	30.051	32.395	37.004	40.3	0.029	1449.2	69
90	1	80	-0.085	-0.088	1.87	1.81	34.464	27.678	30.049	32.394	37.003	40.5	0.033	1449.3	79
90	1	90	-0.074	-0.077	1.89	1.82	34.467	27.680	30.051	32.395	37.004	40.3	0.037	1449.5	89
90	1	100	-0.074	-0.078	1.89	1.82	34.468	27.681	30.052	32.396	37.005	40.2	0.041	1449.7	98
90	1	125	-0.046	-0.050	1.94	1.85	34.472	27.683	30.053	32.397	37.005	40.0	0.051	1450.3	123
90	1	150	-0.073	-0.078	1.93	1.82	34.490	27.699	30.069	32.414	37.023	38.5	0.061	1450.6	148
90	1	175	-0.040	-0.046	1.99	1.85	34.524	27.724	30.095	32.438	37.046	36.0	0.070	1451.2	173
90	1	200	-0.007	-0.014	2.04	1.89	34.544	27.739	30.109	32.452	37.058	34.7	0.079	1451.7	197
90	1	225	0.186	0.177	2.25	2.09	34.608	27.780	30.147	32.487	37.087	30.9	0.087	1453.1	222
90	1	250	0.213	0.203	2.30	2.11	34.614	27.784	30.150	32.489	37.089	30.6	0.095	1453.7	247
90	1	275	0.250	0.239	2.36	2.15	34.623	27.789	30.154	32.493	37.092	30.1	0.102	1454.3	271
90	1	300	0.300	0.288	2.43	2.20	34.629	27.791	30.156	32.494	37.091	30.0	0.110	1454.9	296
90	1	325	0.299	0.286	2.44	2.20	34.627	27.789	30.154	32.493	37.090	30.1	0.117	1455.3	321
90	1	350	0.321	0.307	2.49	2.22	34.623	27.785	30.150	32.488	37.084	30.6	0.125	1455.8	346
90	1	375	0.326	0.311	2.51	2.23	34.629	27.790	30.154	32.492	37.089	30.2	0.132	1456.2	370
90	1	400	0.311	0.294	2.51	2.21	34.629	27.791	30.155	32.493	37.090	30.1	0.140	1456.6	395
90	1	425	0.302	0.284	2.52	2.20	34.627	27.790	30.154	32.493	37.090	30.2	0.147	1457.0	420
90	1	450	0.392	0.373	2.63	2.29	34.641	27.796	30.159	32.496	37.091	29.7	0.155	1457.8	444
90	1	475	0.556	0.535	2.82	2.46	34.672	27.811	30.172	32.507	37.096	28.5	0.162	1459.0	469
90	1	500	0.560	0.538	2.84	2.46	34.676	27.814	30.175	32.509	37.099	28.3	0.169	1459.4	494
90	1	550	0.520	0.496	2.84	2.42	34.685	27.824	30.186	32.520	37.111	27.3	0.183	1460.1	543
90	1	600	0.441	0.414	2.80	2.35	34.693	27.835	30.198	32.534	37.127	26.2	0.197	1460.5	592
90	1	650	0.370	0.341	2.76	2.27	34.697	27.843	30.206	32.544	37.139	25.4	0.210	1461.1	642
90	1	700	0.136	0.106	2.57	2.04	34.698	27.857	30.224	32.565	37.166	23.7	0.222	1460.8	691
90	1	750	0.117	0.085	2.59	2.02	34.699	27.859	30.226	32.567	37.170	23.5	0.234	1461.5	740
90	1	800	-0.025	-0.059	2.48	1.88	34.703	27.870	30.239	32.582	37.189	22.2	0.245	1461.7	790
90	1	833	-0.178	-0.212	2.35	1.73	34.704	27.878	30.250	32.595	37.207	21.0	0.252	1461.6	822

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
90	4	4	0.027	0.027	34.507	27.707	6.28									2.32	12	4
90		42	0.027	0.026	34.513	27.712	6.20									1.35	11	41
90		120	0.036	0.032	34.518	27.715	6.12									1.22	10	119
90		175	0.321	0.314	34.630	27.790	5.21							1.51	0.62	9	173	
90		254	0.338	0.328	34.632	27.791	5.20								0.62	8	251	
90		319	0.376	0.363	34.633	27.790	5.16							1.44	0.66	7	315	
90		407	0.547	0.529	34.673	27.812	4.78							.99	0.36	6	403	
90		509	0.459	0.437	34.689	27.831	4.84								0.31	5	503	
90		615	0.254	0.228	34.693	27.846	4.96							.95	0.40	4	608	
90		712	0.098	0.068	34.697	27.858	5.08							1.16	0.49	3	704	
90		765	-0.128	-0.159	34.702	27.874	5.29							1.37	0.71	2	756	
90		821	-0.204	-0.238	34.705	27.880	5.38							1.78	0.69	1	811	

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-71.717	172.178	833		996	170	5	-1.		1520	05	FEB	1984	PS	84	2	90

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
90	2	0	0.027	0.027	1.92	1.92	34.512	27.711	30.080	32.423	37.028	37.4	0.000	1448.6	0
90	2	10	0.029	0.029	1.93	1.92	34.508	27.708	30.077	32.419	37.025	37.7	0.004	1448.8	9
90	2	20	0.029	0.028	1.94	1.92	34.512	27.711	30.080	32.422	37.028	37.4	0.008	1448.9	19
90	2	30	0.035	0.034	1.95	1.93	34.514	27.712	30.081	32.424	37.029	37.3	0.011	1449.1	29
90	2	40	0.028	0.027	1.95	1.92	34.512	27.711	30.080	32.423	37.028	37.4	0.015	1449.3	39
90	2	50	0.028	0.026	1.96	1.92	34.512	27.711	30.080	32.423	37.028	37.4	0.019	1449.4	49
90	2	60	0.030	0.028	1.97	1.92	34.512	27.711	30.080	32.423	37.028	37.4	0.023	1449.6	59
90	2	70	0.035	0.033	1.98	1.93	34.518	27.715	30.085	32.427	37.032	37.0	0.026	1449.8	69
90	2	80	0.036	0.033	1.99	1.93	34.519	27.716	30.085	32.428	37.033	36.9	0.030	1450.0	79
90	2	90	0.038	0.035	2.00	1.93	34.522	27.719	30.088	32.430	37.035	36.7	0.034	1450.1	89
90	2	100	0.035	0.031	2.00	1.93	34.517	27.715	30.084	32.426	37.032	37.0	0.037	1450.3	98
90	2	125	0.037	0.033	2.03	1.93	34.525	27.721	30.090	32.433	37.038	36.4	0.046	1450.7	123
90	2	150	0.078	0.072	2.09	1.98	34.565	27.751	30.120	32.461	37.065	33.6	0.055	1451.4	148
90	2	175	0.321	0.314	2.35	2.22	34.632	27.792	30.156	32.494	37.090	29.8	0.063	1453.0	173

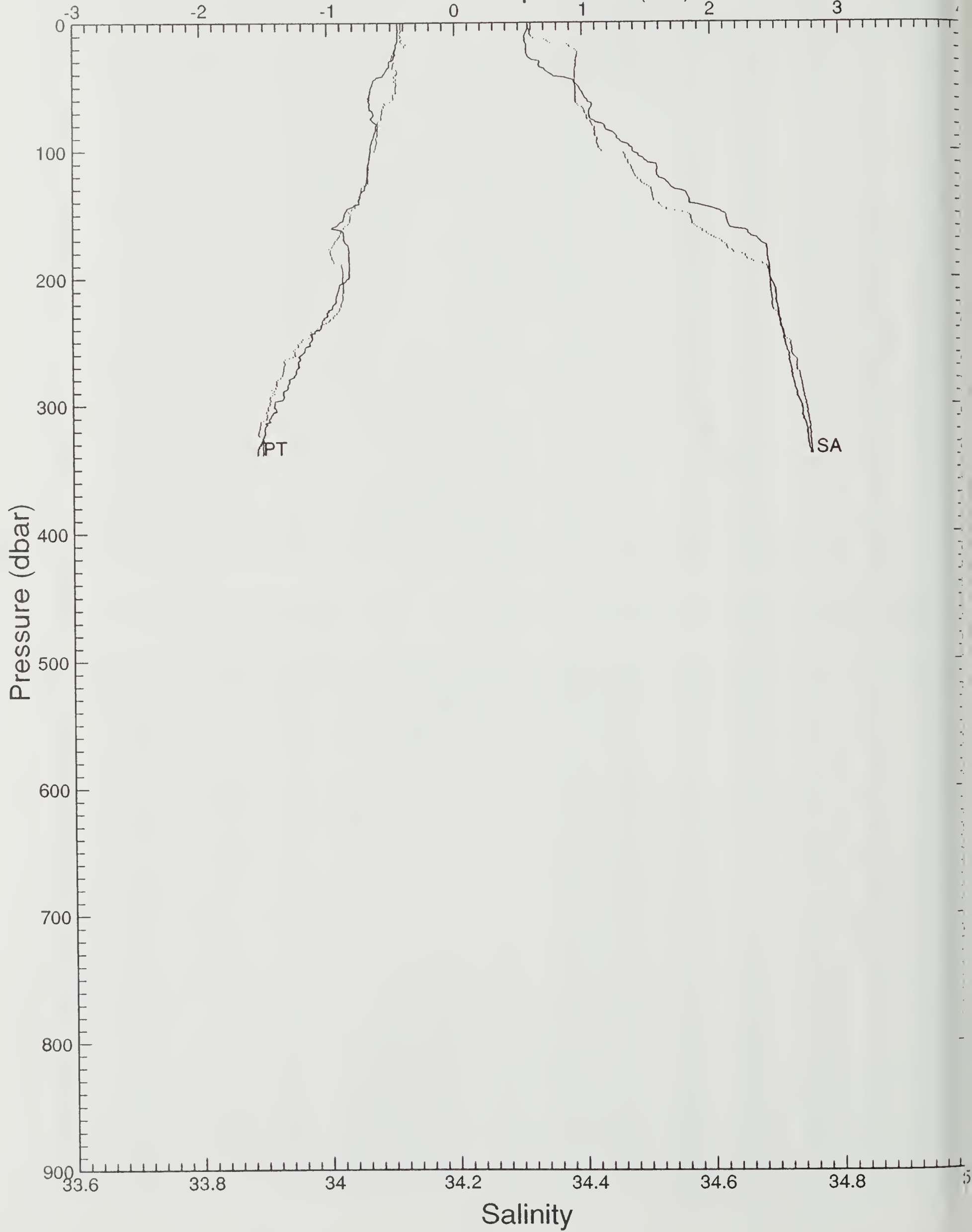


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-71.723	172.095	627	3	996	180	5	-1.		1600	05	FEB	1984	PS	84	1	91

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
91	1	0	0.024	0.024	1.92	1.92	34.508	27.708	30.077	32.420	37.025	37.7	0.000	1448.6	0
91	1	10	0.019	0.019	1.92	1.91	34.506	27.706	30.076	32.418	37.024	37.8	0.004	1448.7	9
91	1	20	0.017	0.016	1.93	1.91	34.503	27.704	30.074	32.416	37.022	38.1	0.008	1448.9	19
91	1	30	0.023	0.022	1.94	1.92	34.507	27.707	30.076	32.419	37.025	37.8	0.011	1449.1	29
91	1	40	0.041	0.040	1.97	1.94	34.519	27.716	30.085	32.427	37.032	36.9	0.015	1449.3	39
91	1	50	0.063	0.061	2.00	1.96	34.532	27.725	30.094	32.436	37.040	36.1	0.019	1449.6	49
91	1	60	0.071	0.069	2.01	1.97	34.538	27.730	30.098	32.440	37.044	35.6	0.022	1449.8	59
91	1	70	0.078	0.076	2.03	1.97	34.541	27.732	30.100	32.442	37.046	35.4	0.026	1450.0	69
91	1	80	0.073	0.070	2.03	1.97	34.538	27.730	30.098	32.440	37.044	35.6	0.029	1450.2	79
91	1	90	0.078	0.075	2.04	1.97	34.543	27.733	30.102	32.443	37.047	35.3	0.033	1450.3	89
91	1	100	0.083	0.079	2.05	1.98	34.542	27.732	30.101	32.442	37.046	35.4	0.037	1450.5	98
91	1	125	0.113	0.108	2.10	2.01	34.556	27.742	30.110	32.451	37.054	34.5	0.045	1451.1	123
91	1	150	0.134	0.128	2.14	2.03	34.567	27.750	30.117	32.458	37.060	33.7	0.054	1451.6	148
91	1	175	0.136	0.129	2.17	2.03	34.569	27.751	30.119	32.460	37.062	33.6	0.062	1452.0	173
91	1	200	0.129	0.121	2.18	2.03	34.566	27.749	30.117	32.458	37.060	33.8	0.071	1452.4	197
91	1	225	0.117	0.108	2.18	2.01	34.563	27.748	30.115	32.457	37.059	33.9	0.079	1452.8	222
91	1	250	0.128	0.118	2.21	2.02	34.564	27.748	30.116	32.456	37.059	33.9	0.088	1453.2	247
91	1	275	0.173	0.162	2.28	2.07	34.579	27.758	30.125	32.465	37.066	33.0	0.096	1453.8	271
91	1	300	0.210	0.198	2.33	2.11	34.584	27.760	30.126	32.466	37.066	32.8	0.104	1454.4	296
91	1	325	0.320	0.307	2.46	2.22	34.604	27.770	30.134	32.472	37.069	32.0	0.112	1455.4	321
91	1	350	0.464	0.449	2.63	2.37	34.638	27.789	30.151	32.487	37.080	30.4	0.120	1456.5	346
91	1	375	0.501	0.485	2.69	2.40	34.650	27.796	30.158	32.493	37.085	29.7	0.128	1457.1	370
91	1	400	0.488	0.471	2.69	2.39	34.674	27.817	30.179	32.514	37.105	27.8	0.135	1457.5	395
91	1	425	0.388	0.370	2.61	2.29	34.688	27.834	30.197	32.534	37.128	26.1	0.141	1457.4	420
91	1	450	0.386	0.367	2.63	2.29	34.690	27.836	30.199	32.536	37.130	26.0	0.148	1457.8	444
91	1	475	0.331	0.311	2.59	2.24	34.693	27.841	30.205	32.543	37.139	25.4	0.154	1458.0	469
91	1	500	0.283	0.262	2.56	2.19	34.695	27.846	30.211	32.549	37.146	24.9	0.161	1458.2	494
91	1	550	-0.268	-0.289	2.05	1.64	34.697	27.876	30.250	32.596	37.209	21.2	0.172	1456.5	543
91	1	600	-0.505	-0.527	1.85	1.40	34.700	27.890	30.267	32.617	37.237	19.5	0.182	1456.2	592
91	1	628	-0.875	-0.896	1.50	1.03	34.699	27.905	30.288	32.643	37.275	17.3	0.188	1454.9	620

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-71.730	172.082	627	3	996	190	5	0.		1627	05	FEB	1984	PS	84	2	91

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
91	2	0	0.012	0.012	1.91	1.91	34.509	27.709	30.079	32.421	37.028	37.6	0.000	1448.5	0
91	2	10	0.005	0.005	1.91	1.90	34.508	27.709	30.078	32.421	37.028	37.6	0.004	1448.7	9
91	2	20	0.014	0.013	1.92	1.91	34.510	27.710	30.079	32.422	37.028	37.5	0.008	1448.9	19
91	2	30	0.024	0.023	1.94	1.92	34.512	27.711	30.080	32.423	37.029	37.4	0.011	1449.1	29
91	2	40	0.032	0.031	1.96	1.93	34.517	27.715	30.084	32.426	37.032	37.0	0.015	1449.3	39
91	2	50	0.040	0.038	1.97	1.94	34.524	27.720	30.089	32.431	37.037	36.5	0.019	1449.5	49
91	2	60	0.107	0.105	2.05	2.00	34.532	27.723	30.091	32.432	37.035	36.3	0.022	1450.0	59
91	2	70	0.126	0.123	2.08	2.02	34.558	27.743	30.110	32.451	37.054	34.4	0.026	1450.3	69
91	2	80	0.131	0.128	2.09	2.03	34.558	27.743	30.110	32.451	37.053	34.4	0.029	1450.4	79
91	2	90	0.216	0.213	2.18	2.11	34.574	27.751	30.117	32.457	37.056	33.7	0.033	1451.0	89
91	2	100	0.200	0.196	2.17	2.10	34.578	27.755	30.121	32.461	37.061	33.3	0.036	1451.1	98
91	2	125	0.228	0.223	2.22	2.13	34.587	27.761	30.127	32.466	37.065	32.7	0.044	1451.7	123
91	2	150	0.217	0.211	2.23	2.12	34.586	27.761	30.127	32.466	37.066	32.7	0.053	1452.0	148
91	2	175	0.217	0.210	2.25	2.12	34.586	27.761	30.127	32.466	37.066	32.7	0.061	1452.4	173
91	2	200	0.206	0.198	2.25	2.10	34.583	27.759	30.125	32.465	37.065	32.9	0.069	1452.8	197
91	2	225	0.261	0.252	2.33	2.16	34.594	27.765	30.130	32.469	37.068	32.4	0.077	1453.5	222
91	2	250	0.234	0.224	2.32	2.13	34.591	27.764	30.130	32.469	37.068	32.5	0.085	1453.7	247
91	2	275	0.252	0.241	2.36	2.15	34.592	27.764	30.129	32.468	37.067	32.5	0.093	1454.2	271
91	2	300	0.320	0.308	2.44	2.22	34.602	27.768	30.133	32.471	37.067	32.2	0.101	1455.0	296
91	2	325	0.328	0.315	2.47	2.23	34.604	27.769	30.134	32.472	37.068	32.1	0.109	1455.4	321
91	2	350	0.478	0.463	2.64	2.38	34.638	27.788	30.150	32.486	37.078	30.5	0.117	1456.5	346
91	2	375	0.502	0.486	2.69	2.40	34.649	27.796	30.157	32.493	37.084	29.8	0.125	1457.1	370
91	2	400	0.485	0.468	2.69	2.39	34.665	27.810	30.172	32.507	37.099	28.5	0.132	1457.4	395
91	2	425	0.473	0.455	2.70	2.38	34.688	27.829	30.191	32.526	37.118	26.7	0.139	1457.8	420
91	2	450	0.375	0.356	2.62	2.28	34.688	27.835	30.198	32.535	37.130	26.1	0.145	1457.8	444
91	2	475	0.367	0.347	2.63	2.27	34.690	27.837	30.200	32.538	37.132	25.9	0.152	1458.2	469
91	2	500	0.284	0.263	2.56	2.19	34.692	27.843	30.208	32.546	37.144	25.2	0.158	1458.2	494
91	2	550	-0.252	-0.273	2.07	1.65	34.696	27.875	30.248	32.594	37.207	21.4	0.170	1456.5	543
91	2	600	-0.564	-0.586	1.79	1.34	34.698	27.891	30.269	32.620	37.242	19.3	0.180	1455.9	592
91	2	628	-0.872	-0.893	1.51	1.03	34.700	27.906	30.288	32.644	37.275	17.3	0.185	1454.9	620

Potential Temperature ($^{\circ}\text{C}$)

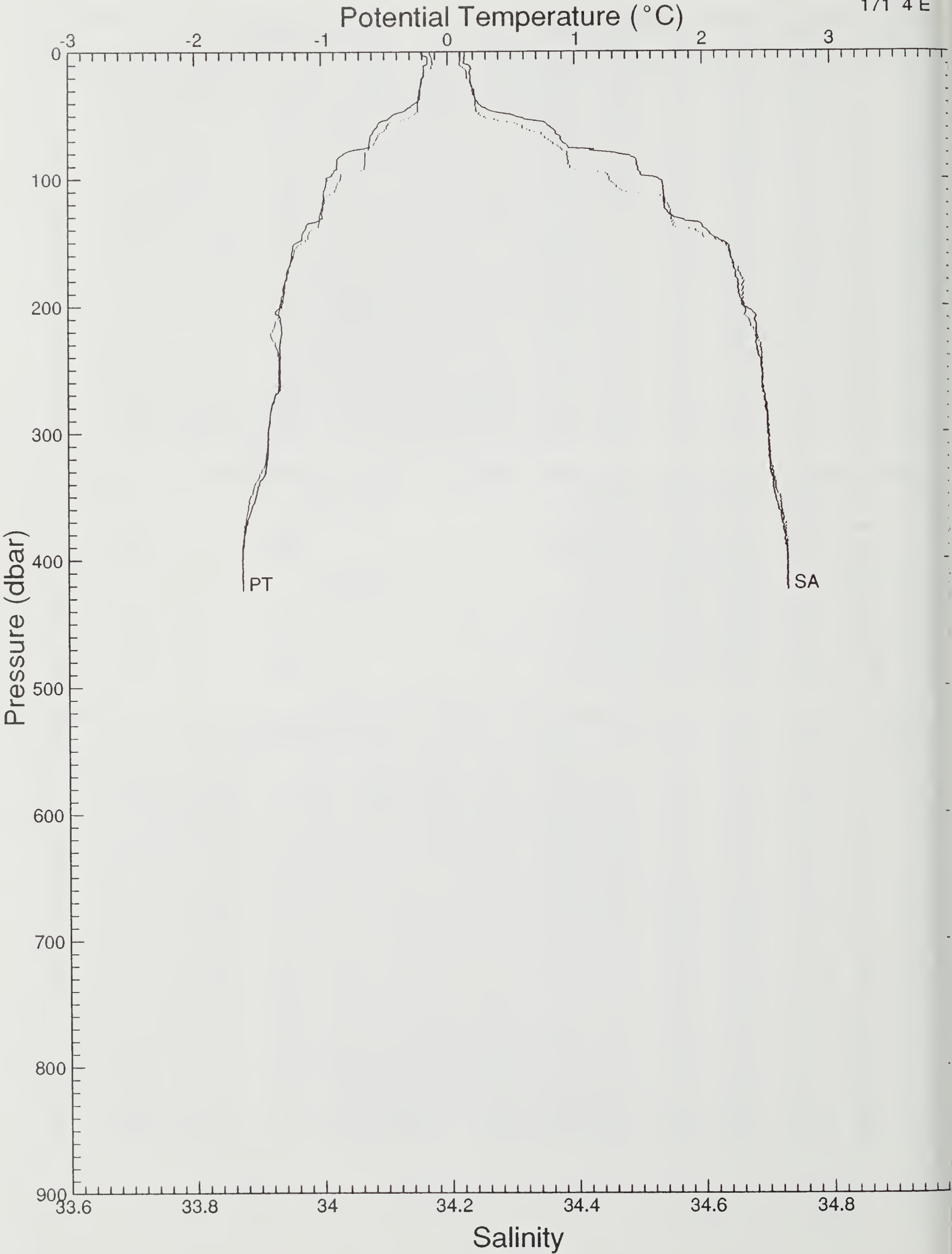
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-71.938	171.683	345	8	997	190	4	1.		1804	05	FEB	1984	PS	84	1	92

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
92	1	0	-0.445	-0.445	1.44	1.44	34.315	27.575	29.952	32.303	36.924	50.3	0.000	1446.2	0
92	1	10	-0.446	-0.446	1.44	1.44	34.310	27.571	29.948	32.299	36.920	50.7	0.005	1446.3	9
92	1	20	-0.458	-0.459	1.44	1.43	34.313	27.574	29.951	32.302	36.924	50.3	0.010	1446.4	19
92	1	30	-0.505	-0.506	1.40	1.38	34.333	27.592	29.970	32.322	36.944	48.6	0.015	1446.4	29
92	1	40	-0.550	-0.551	1.36	1.33	34.350	27.608	29.987	32.339	36.963	47.1	0.020	1446.4	39
92	1	50	-0.651	-0.652	1.27	1.24	34.395	27.649	30.029	32.382	37.009	43.2	0.024	1446.1	49
92	1	60	-0.661	-0.663	1.27	1.23	34.408	27.660	30.040	32.393	37.020	42.1	0.029	1446.3	59
92	1	70	-0.638	-0.640	1.30	1.25	34.411	27.661	30.041	32.394	37.020	41.9	0.033	1446.5	69
92	1	80	-0.605	-0.607	1.34	1.28	34.435	27.679	30.058	32.411	37.036	40.2	0.037	1446.9	79
92	1	90	-0.633	-0.636	1.33	1.26	34.454	27.696	30.075	32.428	37.054	38.6	0.041	1446.9	89
92	1	100	-0.655	-0.658	1.31	1.24	34.479	27.717	30.097	32.450	37.076	36.6	0.045	1447.0	98
92	1	125	-0.686	-0.690	1.30	1.21	34.532	27.761	30.141	32.495	37.121	32.3	0.053	1447.4	123
92	1	150	-0.861	-0.865	1.15	1.04	34.623	27.843	30.225	32.580	37.211	24.5	0.060	1447.1	148
92	1	175	-0.829	-0.834	1.21	1.07	34.688	27.894	30.275	32.630	37.260	19.6	0.066	1447.7	173
92	1	200	-0.821	-0.827	1.23	1.08	34.693	27.898	30.279	32.634	37.263	19.2	0.071	1448.2	197
92	1	225	-0.985	-0.992	1.09	0.92	34.706	27.915	30.299	32.656	37.290	17.4	0.075	1447.8	222
92	1	250	-1.123	-1.130	0.97	0.78	34.716	27.928	30.314	32.673	37.312	16.0	0.080	1447.6	247
92	1	275	-1.237	-1.244	0.88	0.67	34.726	27.941	30.328	32.689	37.331	14.7	0.083	1447.5	271
92	1	300	-1.406	-1.414	0.73	0.50	34.741	27.959	30.349	32.712	37.359	12.7	0.087	1447.1	296
92	1	325	-1.490	-1.498	0.66	0.42	34.751	27.970	30.361	32.726	37.375	11.5	0.090	1447.1	321
92	1	339	-1.543	-1.552	0.62	0.36	34.755	27.975	30.367	32.732	37.383	10.9	0.091	1447.1	335

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
92	1	3	-0.422	-0.422	34.316	27.575					362	355					11	3
92		4	-0.421	-0.421	34.329	27.585	7.13						2180			1.92	12	3
92	1	38	-0.448	-0.449	34.389	27.635					382	374					9	37
92		38	-0.448	-0.449	34.403	27.646	6.83						2195			1.61	10	38
92		102	-0.660	-0.663	34.430	27.678	6.69						2221			1.55	8	101
92	1	103	-0.663	-0.666	34.466	27.707					394	383					7	102
92	1	190	-0.881	-0.887	34.682	27.891					443	425					5	188
92		191	-0.878	-0.884	34.672	27.883	6.05						2225		2.85	1.22	6	188
92		280	-1.381	-1.388	34.740	27.957					442	416					3	277
92	1	281	-1.393	-1.400	34.741	27.958	6.27						2229		1.97	0.96	4	278
92	1	337	-1.495	-1.504	34.758	27.975	6.36						2229		3.07	1.42	2	333
92		339	-1.500	-1.509	34.756	27.974					436	408					1	335

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-71.933	171.480	345	8	997	170	5	0.		1846	05	FEB	1984	PS	84	2	92

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
92	2	0	-0.420	-0.420	1.46	1.46	34.315	27.574	29.951	32.301	36.921	50.4	0.000	1446.3	0
92	2	10	-0.426	-0.426	1.47	1.46	34.320	27.578	29.955	32.305	36.926	50.0	0.005	1446.4	9
92	2	20	-0.426	-0.427	1.48	1.46	34.385	27.631	30.007	32.357	36.977	45.0	0.010	1446.7	19
92	2	30	-0.490	-0.491	1.42	1.40	34.390	27.638	30.015	32.366	36.988	44.3	0.014	1446.5	29
92	2	40	-0.449	-0.450	1.47	1.44	34.389	27.635	30.012	32.362	36.983	44.5	0.019	1446.9	39
92	2	50	-0.459	-0.461	1.47	1.43	34.390	27.636	30.013	32.364	36.985	44.4	0.023	1447.0	49
92	2	60	-0.477	-0.479	1.46	1.41	34.390	27.637	30.015	32.365	36.987	44.3	0.028	1447.1	59
92	2	70	-0.564	-0.566	1.38	1.32	34.404	27.652	30.031	32.383	37.007	42.8	0.032	1446.9	69
92	2	80	-0.590	-0.592	1.36	1.30	34.416	27.663	30.042	32.394	37.019	41.7	0.036	1446.9	79
92	2	90	-0.611	-0.614	1.35	1.28	34.424	27.671	30.050	32.402	37.028	41.0	0.040	1447.0	89
92	2	100	-0.624	-0.627	1.34	1.27	34.430	27.676	30.056	32.408	37.034	40.5	0.044	1447.1	98
92	2	125	-0.673	-0.677	1.31	1.22	34.492	27.728	30.108	32.462	37.088	35.4	0.054	1447.4	123
92	2	150	-0.809	-0.813	1.20	1.09	34.565	27.793	30.175	32.530	37.160	29.2	0.062	1447.2	148
92	2	175	-0.953	-0.958	1.08	0.95	34.626	27.849	30.232	32.589	37.223	23.8	0.069	1447.1	173
92	2	200	-0.871	-0.877	1.18	1.03	34.693	27.900	30.282	32.637	37.268	19.0	0.074	1447.9	197
92	2	225	-0.897	-0.904	1.18	1.01	34.698	27.905	30.287	32.643	37.275	18.4	0.079	1448.2	222
92	2	250	-1.196	-1.203	0.90	0.71	34.723	27.937	30.324	32.684	37.324	15.1	0.083	1447.3	247
92	2	275	-1.342	-1.349	0.77	0.56	34.738	27.954	30.343	32.706	37.350	13.3	0.086	1447.0	271
92	2	300	-1.448	-1.456	0.69	0.46	34.748	27.966	30.357	32.721	37.368	12.0	0.090	1446.9	296
92	2	325	-1.497	-1.505	0.66	0.41	34.755	27.973	30.365	32.729	37.379	11.2	0.092	1447.1	321
92	2	339	-1.500	-1.509	0.66	0.41	34.758	27.976	30.367	32.732	37.381	10.9	0.094	1447.3	335

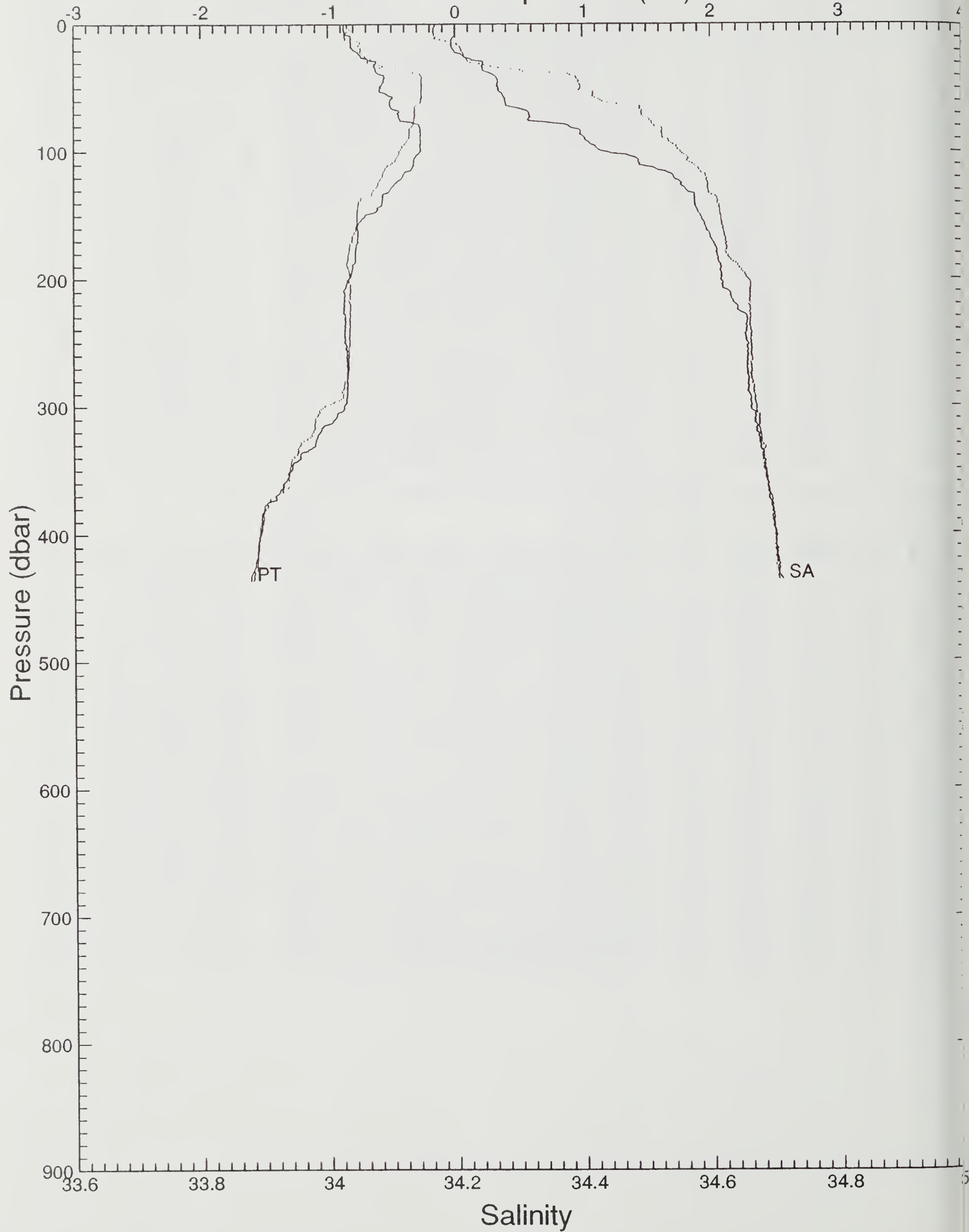


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-72.167	171.073	431	10	996	250	6	0.		2048	05	FEB	1984	PS	84	1	93

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
93	1	0	-0.209	-0.209	1.67	1.67	34.227	27.493	29.867	32.214	36.829	58.1	0.000	1447.1	0
93	1	10	-0.167	-0.167	1.72	1.71	34.233	27.495	29.869	32.215	36.829	57.8	0.006	1447.5	9
93	1	20	-0.193	-0.194	1.70	1.69	34.236	27.499	29.873	32.220	36.834	57.4	0.012	1447.6	19
93	1	30	-0.214	-0.215	1.69	1.67	34.239	27.503	29.877	32.224	36.839	57.1	0.017	1447.6	29
93	1	40	-0.254	-0.255	1.66	1.63	34.248	27.512	29.886	32.234	36.851	56.2	0.023	1447.6	39
93	1	50	-0.437	-0.439	1.48	1.44	34.305	27.567	29.944	32.294	36.915	51.0	0.028	1447.0	49
93	1	60	-0.570	-0.572	1.36	1.32	34.364	27.620	29.999	32.351	36.976	45.9	0.033	1446.6	59
93	1	70	-0.612	-0.614	1.33	1.27	34.379	27.634	30.014	32.366	36.992	44.5	0.038	1446.6	69
93	1	80	-0.817	-0.819	1.14	1.07	34.464	27.712	30.094	32.449	37.081	37.1	0.042	1445.9	79
93	1	90	-0.871	-0.874	1.09	1.02	34.498	27.742	30.125	32.481	37.113	34.2	0.045	1445.9	89
93	1	100	-0.953	-0.956	1.02	0.94	34.531	27.772	30.156	32.513	37.147	31.4	0.049	1445.7	98
93	1	125	-0.982	-0.985	1.01	0.91	34.543	27.782	30.167	32.525	37.160	30.2	0.056	1446.0	123
93	1	150	-1.188	-1.192	0.83	0.71	34.634	27.864	30.251	32.612	37.253	22.4	0.063	1445.5	148
93	1	175	-1.266	-1.271	0.77	0.64	34.652	27.881	30.270	32.631	37.274	20.6	0.068	1445.6	173
93	1	200	-1.315	-1.320	0.74	0.59	34.662	27.891	30.280	32.643	37.287	19.5	0.073	1445.8	197
93	1	225	-1.310	-1.316	0.76	0.59	34.683	27.908	30.297	32.659	37.303	17.8	0.078	1446.3	222
93	1	250	-1.317	-1.324	0.78	0.59	34.693	27.917	30.306	32.668	37.312	16.9	0.082	1446.6	247
93	1	275	-1.365	-1.372	0.75	0.54	34.697	27.922	30.311	32.674	37.320	16.3	0.086	1446.8	271
93	1	300	-1.413	-1.421	0.72	0.49	34.702	27.927	30.318	32.681	37.329	15.7	0.090	1447.0	296
93	1	325	-1.425	-1.433	0.72	0.48	34.705	27.930	30.321	32.685	37.332	15.3	0.094	1447.4	321
93	1	350	-1.509	-1.518	0.66	0.40	34.713	27.939	30.331	32.696	37.346	14.2	0.098	1447.4	346
93	1	375	-1.588	-1.597	0.60	0.32	34.726	27.952	30.346	32.712	37.364	12.8	0.101	1447.4	370
93	1	400	-1.614	-1.624	0.59	0.29	34.732	27.958	30.352	32.718	37.371	12.1	0.104	1447.7	395
93	1	424	-1.612	-1.623	0.61	0.29	34.733	27.959	30.352	32.719	37.372	11.9	0.107	1448.1	419

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-72.192	170.942	431	10	996	270	6	0.		2108	05	FEB	1984	PS	84	2	93

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
93	2	0	-0.140	-0.140	1.74	1.74	34.218	27.482	29.855	32.201	36.814	59.1	0.000	1447.4	0
93	2	10	-0.119	-0.119	1.77	1.76	34.219	27.482	29.854	32.200	36.813	59.1	0.006	1447.7	9
93	2	20	-0.195	-0.196	1.70	1.68	34.230	27.494	29.868	32.215	36.830	57.9	0.012	1447.5	19
93	2	30	-0.223	-0.224	1.68	1.66	34.242	27.506	29.880	32.227	36.842	56.8	0.018	1447.6	29
93	2	40	-0.233	-0.234	1.68	1.65	34.244	27.508	29.882	32.229	36.845	56.6	0.023	1447.7	39
93	2	50	-0.271	-0.273	1.65	1.61	34.252	27.516	29.891	32.239	36.856	55.8	0.029	1447.7	49
93	2	60	-0.481	-0.483	1.45	1.40	34.318	27.579	29.957	32.308	36.930	49.8	0.034	1447.0	59
93	2	70	-0.566	-0.568	1.37	1.32	34.359	27.616	29.995	32.347	36.972	46.2	0.039	1446.8	69
93	2	80	-0.648	-0.650	1.30	1.24	34.389	27.644	30.024	32.377	37.004	43.6	0.043	1446.6	79
93	2	90	-0.653	-0.656	1.30	1.23	34.393	27.647	30.027	32.381	37.008	43.2	0.048	1446.8	89
93	2	100	-0.842	-0.845	1.12	1.05	34.454	27.705	30.087	32.443	37.075	37.7	0.052	1446.1	98
93	2	125	-0.994	-0.997	1.00	0.90	34.551	27.789	30.174	32.532	37.167	29.6	0.060	1445.9	123
93	2	150	-1.139	-1.143	0.87	0.76	34.630	27.859	30.246	32.605	37.245	22.9	0.067	1445.8	148
93	2	175	-1.259	-1.264	0.78	0.64	34.660	27.888	30.276	32.637	37.280	20.0	0.072	1445.7	173
93	2	200	-1.304	-1.309	0.75	0.60	34.665	27.893	30.282	32.644	37.288	19.3	0.077	1445.9	197
93	2	225	-1.382	-1.388	0.69	0.52	34.687	27.914	30.304	32.667	37.313	17.3	0.082	1445.9	222
93	2	250	-1.328	-1.335	0.76	0.58	34.694	27.918	30.307	32.669	37.314	16.8	0.086	1446.6	247
93	2	275	-1.376	-1.383	0.74	0.53	34.698	27.923	30.313	32.676	37.322	16.2	0.090	1446.8	271
93	2	300	-1.411	-1.419	0.72	0.49	34.704	27.929	30.319	32.683	37.330	15.5	0.094	1447.0	296
93	2	325	-1.440	-1.448	0.71	0.47	34.707	27.932	30.323	32.687	37.335	15.1	0.098	1447.3	321
93	2	350	-1.551	-1.560	0.62	0.35	34.721	27.947	30.340	32.706	37.357	13.4	0.101	1447.2	346
93	2	375	-1.598	-1.607	0.59	0.31	34.730	27.956	30.349	32.716	37.368	12.4	0.105	1447.4	370
93	2	400	-1.617	-1.627	0.59	0.29	34.733	27.959	30.353	32.719	37.373	12.0	0.108	1447.7	395
93	2	424	-1.611	-1.622	0.61	0.30	34.732	27.958	30.352	32.718	37.371	12.0	0.110	1448.1	419

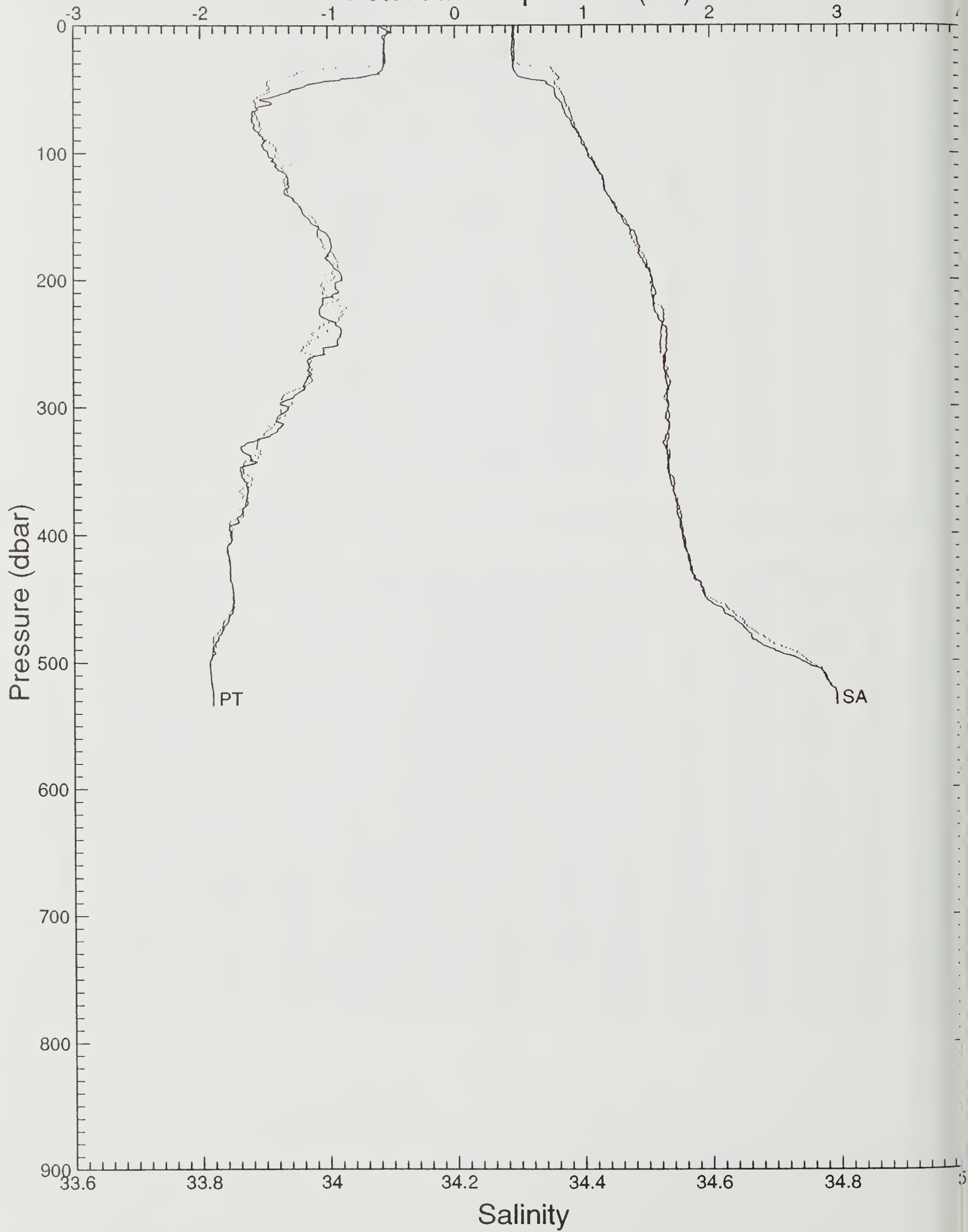
Potential Temperature ($^{\circ}\text{C}$)

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-72.232	170.577	443	10	995	220	9	0.		2318	05	FEB	1984	PS	84	1	94

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
94	1	0	-0.876	-0.876	1.00	1.00	34.199	27.499	29.884	32.241	36.876	57.5	0.000	1444.0	0
94	1	10	-0.820	-0.820	1.06	1.06	34.197	27.496	29.879	32.236	36.869	57.8	0.006	1444.4	9
94	1	20	-0.795	-0.796	1.10	1.08	34.198	27.495	29.878	32.235	36.867	57.8	0.012	1444.7	19
94	1	30	-0.620	-0.621	1.28	1.26	34.244	27.525	29.906	32.259	36.886	54.9	0.017	1445.7	29
94	1	40	-0.557	-0.558	1.35	1.32	34.261	27.536	29.915	32.268	36.893	53.9	0.023	1446.2	39
94	1	50	-0.585	-0.586	1.33	1.29	34.268	27.543	29.923	32.276	36.901	53.2	0.028	1446.3	49
94	1	60	-0.509	-0.511	1.42	1.37	34.278	27.548	29.926	32.278	36.901	52.7	0.033	1446.8	59
94	1	70	-0.453	-0.455	1.48	1.43	34.316	27.576	29.954	32.304	36.926	50.0	0.038	1447.3	69
94	1	80	-0.280	-0.283	1.67	1.61	34.378	27.618	29.993	32.340	36.956	46.1	0.043	1448.3	79
94	1	90	-0.271	-0.274	1.69	1.62	34.404	27.639	30.013	32.361	36.976	44.1	0.048	1448.6	89
94	1	100	-0.270	-0.273	1.70	1.62	34.430	27.660	30.034	32.381	36.996	42.1	0.052	1448.8	98
94	1	125	-0.473	-0.477	1.52	1.42	34.556	27.771	30.148	32.498	37.118	31.5	0.061	1448.4	123
94	1	150	-0.707	-0.712	1.30	1.19	34.585	27.805	30.185	32.539	37.165	28.1	0.069	1447.7	148
94	1	175	-0.774	-0.779	1.26	1.13	34.608	27.827	30.208	32.562	37.191	26.0	0.075	1447.9	173
94	1	200	-0.829	-0.835	1.22	1.07	34.617	27.836	30.218	32.573	37.203	25.0	0.082	1448.0	197
94	1	225	-0.869	-0.876	1.20	1.03	34.642	27.858	30.241	32.596	37.227	22.8	0.088	1448.3	222
94	1	250	-0.863	-0.871	1.23	1.04	34.657	27.870	30.252	32.608	37.239	21.6	0.093	1448.7	247
94	1	275	-0.841	-0.849	1.27	1.06	34.658	27.870	30.252	32.607	37.237	21.6	0.099	1449.3	271
94	1	300	-0.869	-0.878	1.26	1.03	34.664	27.876	30.259	32.614	37.245	20.9	0.104	1449.5	296
94	1	325	-1.083	-1.092	1.07	0.82	34.676	27.894	30.280	32.639	37.276	19.0	0.109	1449.0	321
94	1	350	-1.283	-1.293	0.89	0.62	34.683	27.907	30.296	32.658	37.301	17.4	0.114	1448.4	346
94	1	375	-1.471	-1.481	0.72	0.43	34.693	27.922	30.313	32.678	37.327	15.8	0.118	1448.0	370
94	1	400	-1.526	-1.536	0.68	0.38	34.700	27.929	30.322	32.687	37.338	14.9	0.122	1448.1	395
94	1	425	-1.565	-1.576	0.66	0.34	34.705	27.935	30.328	32.694	37.346	14.2	0.125	1448.3	420
94	1	436	-1.600	-1.611	0.63	0.31	34.711	27.941	30.334	32.701	37.354	13.6	0.127	1448.4	430

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-72.232	170.577	443	10	995	230	8	0.		2349	05	FEB	1984	PS	84	2	94

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
94	2	0	-0.850	-0.850	1.02	1.02	34.168	27.473	29.857	32.215	36.849	59.9	0.000	1444.1	0
94	2	10	-0.868	-0.868	1.01	1.01	34.169	27.475	29.859	32.217	36.852	59.7	0.006	1444.2	9
94	2	20	-0.739	-0.740	1.15	1.14	34.210	27.503	29.885	32.240	36.871	57.1	0.012	1445.0	19
94	2	30	-0.684	-0.685	1.22	1.19	34.224	27.512	29.893	32.248	36.877	56.2	0.018	1445.4	29
94	2	40	-0.272	-0.273	1.65	1.61	34.380	27.619	29.994	32.341	36.957	46.0	0.023	1447.7	39
94	2	50	-0.264	-0.266	1.66	1.62	34.397	27.633	30.007	32.354	36.969	44.7	0.027	1447.9	49
94	2	60	-0.270	-0.272	1.67	1.62	34.428	27.658	30.032	32.380	36.995	42.3	0.032	1448.1	59
94	2	70	-0.317	-0.319	1.63	1.58	34.492	27.712	30.087	32.434	37.050	37.2	0.036	1448.1	69
94	2	80	-0.336	-0.339	1.62	1.56	34.512	27.729	30.104	32.452	37.068	35.6	0.039	1448.2	79
94	2	90	-0.361	-0.364	1.60	1.53	34.526	27.742	30.117	32.465	37.082	34.4	0.043	1448.3	89
94	2	100	-0.437	-0.440	1.53	1.46	34.553	27.767	30.143	32.493	37.112	31.9	0.046	1448.1	98
94	2	125	-0.604	-0.608	1.39	1.29	34.596	27.810	30.188	32.540	37.163	27.8	0.053	1447.8	123
94	2	150	-0.768	-0.772	1.24	1.13	34.616	27.833	30.214	32.568	37.196	25.5	0.060	1447.5	148
94	2	175	-0.826	-0.831	1.21	1.08	34.626	27.844	30.225	32.580	37.210	24.4	0.066	1447.6	173
94	2	200	-0.835	-0.841	1.22	1.07	34.658	27.870	30.252	32.607	37.237	21.8	0.072	1448.1	197
94	2	225	-0.817	-0.824	1.26	1.09	34.663	27.873	30.255	32.609	37.239	21.5	0.078	1448.6	222
94	2	250	-0.820	-0.828	1.27	1.08	34.664	27.874	30.256	32.610	37.240	21.3	0.083	1448.9	247
94	2	275	-0.836	-0.844	1.27	1.07	34.662	27.873	30.255	32.610	37.240	21.3	0.088	1449.3	271
94	2	300	-1.021	-1.030	1.11	0.88	34.672	27.889	30.273	32.631	37.267	19.6	0.093	1448.8	296
94	2	325	-1.156	-1.165	0.99	0.75	34.679	27.900	30.286	32.646	37.286	18.4	0.098	1448.6	321
94	2	350	-1.295	-1.305	0.87	0.61	34.686	27.910	30.299	32.661	37.305	17.2	0.102	1448.4	346
94	2	375	-1.473	-1.483	0.71	0.43	34.695	27.924	30.315	32.680	37.329	15.6	0.107	1447.9	370
94	2	400	-1.530	-1.540	0.68	0.38	34.701	27.930	30.323	32.688	37.339	14.8	0.110	1448.1	395
94	2	425	-1.550	-1.561	0.68	0.35	34.701	27.931	30.324	32.690	37.341	14.6	0.114	1448.4	420
94	2	436	-1.585	-1.596	0.65	0.32	34.705	27.935	30.329	32.695	37.347	14.1	0.116	1448.4	430

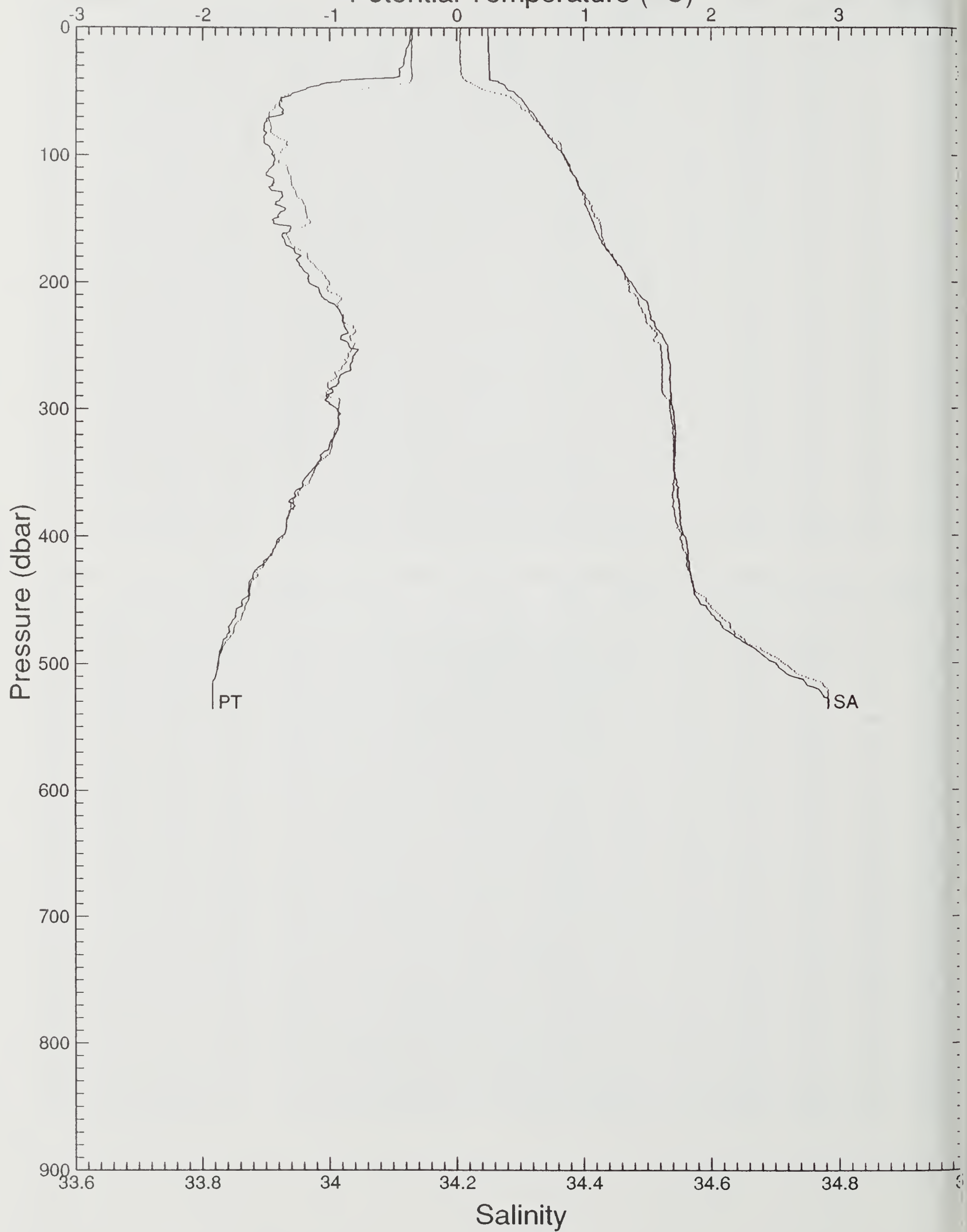
Potential Temperature ($^{\circ}\text{C}$)

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-77.808 -173.987 533 3 1001 240 5 -5. 1447 09 FEB 1984 PS 84 1 95

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
95	1	0	-0.597	-0.597	1.28	1.28	34.291	27.562	29.942	32.295	36.921	51.5	0.000	1445.4	0
95	1	10	-0.566	-0.566	1.32	1.32	34.292	27.562	29.941	32.293	36.918	51.5	0.005	1445.7	9
95	1	20	-0.556	-0.557	1.34	1.33	34.289	27.559	29.938	32.290	36.915	51.8	0.010	1445.9	19
95	1	30	-0.557	-0.558	1.35	1.32	34.292	27.561	29.940	32.293	36.917	51.5	0.016	1446.1	29
95	1	40	-0.695	-0.696	1.22	1.19	34.299	27.573	29.954	32.308	36.937	50.4	0.021	1445.6	39
95	1	50	-1.250	-1.251	0.67	0.64	34.357	27.641	30.031	32.393	37.038	43.8	0.025	1443.3	49
95	1	60	-1.453	-1.454	0.48	0.43	34.365	27.655	30.047	32.413	37.064	42.5	0.030	1442.5	59
95	1	70	-1.589	-1.591	0.35	0.30	34.374	27.666	30.061	32.429	37.084	41.3	0.034	1442.0	69
95	1	80	-1.580	-1.582	0.37	0.31	34.385	27.675	30.069	32.437	37.092	40.4	0.038	1442.2	79
95	1	90	-1.479	-1.481	0.48	0.41	34.399	27.683	30.076	32.442	37.093	39.6	0.042	1442.9	89
95	1	100	-1.462	-1.464	0.50	0.43	34.409	27.691	30.083	32.449	37.100	38.8	0.046	1443.1	98
95	1	125	-1.301	-1.304	0.68	0.59	34.434	27.706	30.096	32.459	37.105	37.4	0.055	1444.3	123
95	1	150	-1.162	-1.166	0.84	0.73	34.462	27.724	30.111	32.472	37.113	35.6	0.064	1445.4	148
95	1	175	-0.967	-0.972	1.06	0.93	34.491	27.740	30.124	32.482	37.117	34.1	0.073	1446.8	173
95	1	200	-0.876	-0.882	1.17	1.02	34.509	27.751	30.134	32.490	37.123	33.0	0.082	1447.7	197
95	1	225	-1.057	-1.063	1.01	0.84	34.514	27.762	30.148	32.507	37.145	31.8	0.090	1447.2	222
95	1	250	-0.912	-0.919	1.17	0.98	34.533	27.772	30.155	32.512	37.145	30.9	0.098	1448.3	247
95	1	275	-1.127	-1.135	0.97	0.77	34.531	27.778	30.165	32.525	37.165	30.0	0.105	1447.7	271
95	1	300	-1.300	-1.308	0.82	0.60	34.535	27.788	30.177	32.540	37.185	28.9	0.112	1447.3	296
95	1	325	-1.540	-1.548	0.60	0.35	34.530	27.792	30.185	32.551	37.204	28.2	0.120	1446.6	321
95	1	350	-1.679	-1.687	0.48	0.22	34.534	27.799	30.195	32.563	37.220	27.2	0.127	1446.3	345
95	1	375	-1.619	-1.628	0.56	0.28	34.546	27.807	30.202	32.569	37.224	26.4	0.133	1447.0	370
95	1	400	-1.759	-1.768	0.44	0.14	34.556	27.819	30.216	32.586	37.245	25.0	0.140	1446.8	395
95	1	425	-1.759	-1.769	0.46	0.14	34.568	27.829	30.226	32.595	37.254	23.9	0.146	1447.2	420
95	1	450	-1.730	-1.741	0.51	0.17	34.591	27.847	30.243	32.612	37.270	22.1	0.152	1447.8	444
95	1	475	-1.819	-1.830	0.44	0.08	34.654	27.901	30.298	32.668	37.328	16.8	0.156	1447.9	469
95	1	500	-1.918	-1.930	0.37	-0.01	34.741	27.974	30.373	32.744	37.406	9.7	0.160	1447.9	494
95	1	534	-1.892	-1.905	0.42	0.02	34.795	28.017	30.415	32.786	37.447	5.5	0.162	1448.7	527

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-77.808 -173.987 533 3 1001 250 5 -6. 1512 09 FEB 1984 PS 84 2 95

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
95	2	0	-0.530	-0.530	1.35	1.35	34.295	27.563	29.941	32.293	36.917	51.5	0.000	1445.7	0
95	2	10	-0.551	-0.551	1.34	1.33	34.293	27.562	29.941	32.293	36.917	51.5	0.005	1445.8	9
95	2	20	-0.553	-0.554	1.34	1.33	34.294	27.563	29.942	32.294	36.919	51.4	0.010	1446.0	19
95	2	30	-0.546	-0.547	1.36	1.34	34.299	27.567	29.945	32.297	36.922	51.0	0.015	1446.2	29
95	2	40	-1.293	-1.294	0.62	0.59	34.362	27.647	30.037	32.400	37.046	43.3	0.020	1442.9	39
95	2	50	-1.459	-1.460	0.46	0.43	34.365	27.655	30.047	32.413	37.065	42.5	0.024	1442.3	49
95	2	60	-1.569	-1.570	0.36	0.32	34.373	27.665	30.059	32.427	37.081	41.5	0.029	1441.9	59
95	2	70	-1.562	-1.564	0.38	0.32	34.383	27.673	30.067	32.434	37.088	40.7	0.033	1442.1	69
95	2	80	-1.522	-1.524	0.43	0.36	34.388	27.675	30.069	32.436	37.089	40.4	0.037	1442.5	79
95	2	90	-1.462	-1.464	0.49	0.43	34.401	27.684	30.077	32.442	37.093	39.5	0.041	1443.0	89
95	2	100	-1.383	-1.385	0.58	0.50	34.409	27.688	30.079	32.444	37.092	39.1	0.045	1443.5	98
95	2	125	-1.328	-1.331	0.66	0.56	34.434	27.707	30.097	32.460	37.107	37.3	0.054	1444.2	123
95	2	150	-1.116	-1.120	0.89	0.78	34.464	27.724	30.110	32.470	37.111	35.7	0.063	1445.7	148
95	2	175	-1.015	-1.020	1.01	0.88	34.487	27.738	30.124	32.482	37.119	34.2	0.072	1446.6	173
95	2	200	-0.964	-0.970	1.08	0.93	34.510	27.755	30.139	32.497	37.132	32.6	0.080	1447.3	197
95	2	225	-0.887	-0.894	1.18	1.01	34.527	27.766	30.149	32.505	37.138	31.5	0.089	1448.0	222
95	2	250	-1.136	-1.143	0.95	0.76	34.522	27.771	30.158	32.519	37.159	30.8	0.096	1447.3	247
95	2	275	-1.136	-1.144	0.97	0.76	34.532	27.780	30.167	32.527	37.167	29.9	0.104	1447.7	271
95	2	300	-1.297	-1.305	0.82	0.60	34.535	27.788	30.177	32.540	37.185	28.9	0.111	1447.3	296
95	2	325	-1.528	-1.536	0.61	0.37	34.535	27.795	30.188	32.555	37.207	27.8	0.118	1446.6	321
95	2	350	-1.658	-1.666	0.50	0.24	34.535	27.799	30.194	32.563	37.219	27.2	0.125	1446.4	345
95	2	375	-1.636	-1.645	0.54	0.26	34.547	27.808	30.203	32.571	37.226	26.3	0.132	1447.0	370
95	2	400	-1.745	-1.755	0.45	0.15	34.556	27.819	30.215	32.585	37.243	25.0	0.138	1446.9	395
95	2	425	-1.759	-1.769	0.46	0.14	34.568	27.829	30.226	32.595	37.254	23.9	0.144	1447.2	420
95	2	450	-1.733	-1.744	0.50	0.17	34.595	27.850	30.246	32.616	37.274	21.8	0.150	1447.8	444
95	2	475	-1.842	-1.853	0.42	0.06	34.663	27.909	30.306	32.677	37.337	16.1	0.155	1447.8	469
95	2	500	-1.916	-1.928	0.37	-0.01	34.750	27.981	30.380	32.751	37.413	9.0	0.158	1447.9	494
95	2	534	-1.892	-1.905	0.42	0.02	34.797	28.019	30.417	32.788	37.449	5.3	0.160	1448.7	527

Potential Temperature ($^{\circ}\text{C}$)

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WDIR	WINDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.500	-173.497	535	3	998	230	4	-4.		2300	09	FEB	1984	PS	84	1	96

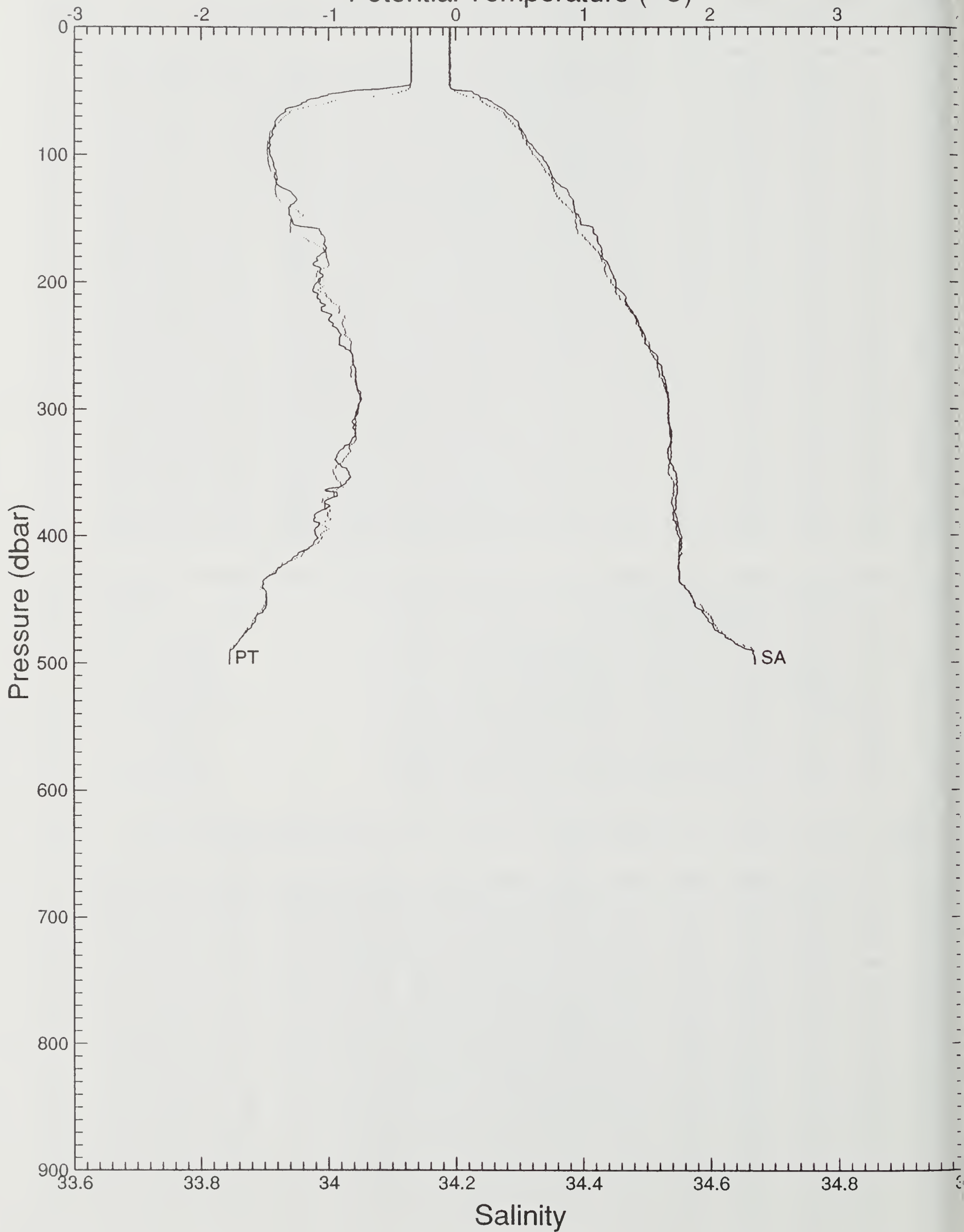
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
96	1	0	-0.359	-0.359	1.52	1.52	34.249	27.518	29.894	32.243	36.862	55.7	0.000	1446.5	0
96	1	10	-0.369	-0.369	1.52	1.51	34.250	27.519	29.895	32.245	36.864	55.6	0.006	1446.6	9
96	1	20	-0.400	-0.401	1.49	1.48	34.251	27.521	29.898	32.248	36.868	55.4	0.011	1446.6	19
96	1	30	-0.422	-0.423	1.48	1.46	34.251	27.522	29.899	32.250	36.871	55.2	0.017	1446.7	29
96	1	40	-0.737	-0.738	1.17	1.14	34.252	27.537	29.919	32.274	36.904	53.8	0.022	1445.4	39
96	1	50	-1.248	-1.249	0.67	0.63	34.290	27.587	29.977	32.339	36.985	48.9	0.027	1443.2	49
96	1	60	-1.389	-1.390	0.54	0.49	34.308	27.606	29.998	32.363	37.013	47.0	0.032	1442.7	59
96	1	70	-1.472	-1.474	0.46	0.41	34.325	27.623	30.016	32.382	37.034	45.4	0.037	1442.5	69
96	1	80	-1.514	-1.516	0.43	0.37	34.339	27.635	30.029	32.396	37.049	44.2	0.041	1442.5	79
96	1	90	-1.512	-1.514	0.44	0.37	34.352	27.646	30.040	32.406	37.059	43.1	0.046	1442.7	89
96	1	100	-1.440	-1.442	0.52	0.45	34.370	27.658	30.051	32.416	37.067	41.9	0.050	1443.2	98
96	1	125	-1.473	-1.476	0.51	0.41	34.393	27.678	30.071	32.437	37.088	39.9	0.060	1443.5	123
96	1	150	-1.424	-1.428	0.58	0.47	34.413	27.693	30.085	32.450	37.100	38.4	0.070	1444.1	148
96	1	175	-1.268	-1.272	0.75	0.62	34.437	27.707	30.096	32.459	37.104	37.0	0.079	1445.3	173
96	1	200	-1.151	-1.156	0.89	0.74	34.476	27.735	30.122	32.483	37.124	34.4	0.088	1446.3	197
96	1	225	-0.896	-0.903	1.17	1.00	34.505	27.748	30.132	32.488	37.121	33.2	0.097	1448.0	222
96	1	250	-0.833	-0.841	1.25	1.06	34.533	27.769	30.151	32.506	37.137	31.2	0.105	1448.7	247
96	1	275	-0.906	-0.914	1.20	0.99	34.536	27.774	30.157	32.514	37.147	30.6	0.112	1448.8	271
96	1	300	-0.927	-0.936	1.19	0.97	34.540	27.778	30.162	32.519	37.153	30.1	0.120	1449.1	296
96	1	325	-0.974	-0.984	1.17	0.92	34.545	27.784	30.168	32.526	37.161	29.4	0.127	1449.3	321
96	1	350	-1.142	-1.152	1.02	0.75	34.544	27.790	30.177	32.537	37.177	28.7	0.135	1448.9	345
96	1	375	-1.267	-1.277	0.91	0.63	34.551	27.800	30.189	32.551	37.195	27.5	0.142	1448.7	370
96	1	400	-1.363	-1.374	0.83	0.53	34.558	27.809	30.199	32.563	37.210	26.4	0.148	1448.7	395
96	1	425	-1.549	-1.560	0.67	0.35	34.566	27.821	30.215	32.581	37.234	24.9	0.155	1448.2	420
96	1	450	-1.665	-1.676	0.57	0.23	34.580	27.836	30.231	32.599	37.255	23.2	0.161	1448.1	444
96	1	475	-1.768	-1.780	0.49	0.13	34.627	27.877	30.274	32.643	37.302	19.1	0.166	1448.1	469
96	1	500	-1.856	-1.868	0.43	0.05	34.702	27.941	30.338	32.709	37.370	12.9	0.170	1448.2	494
96	1	536	-1.901	-1.914	0.41	0.01	34.782	28.007	30.405	32.776	37.438	6.4	0.174	1448.6	529

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
96		3	-0.350	-0.350	34.204	27.481	8.66	15.2	1.32	61.6						2.50	12	3
96		26	-0.357	-0.358	34.206	27.483		15.2	1.32	61.8						2.35	11	26
96		79	-1.454	-1.456	34.335	27.630	6.47	28.2	2.15	69.2					2.91	1.39	10	78
96		128	-1.263	-1.266	34.399	27.676	6.35	28.4	2.16	69.1					2.40	1.20	9	127
96		174	-1.235	-1.239	34.440	27.708	6.25	29.8	2.18	75.8					2.26	1.13	8	172
96		230	-0.880	-0.887	34.499	27.743	6.00	30.1	2.21	80.5					2.01	0.98	7	227
96		279	-0.998	-1.006	34.526	27.769	5.73	30.3	2.21	81.2					1.78	0.91	6	276
96		331	-0.971	-0.981	34.540	27.780	5.95	30.3	2.20	82.1					1.73	0.97	5	327
96		381	-1.305	-1.315	34.542	27.794	6.17	30.2	2.19	80.0					2.19		4	377
96		433	-1.563	-1.574	34.570	27.825	6.37	30.3	2.19	78.6					2.35	1.18	3	428
96		479	-1.763	-1.775	34.640	27.888	6.37	30.3	2.21	80.1					2.28	1.13	2	473
96		537	-1.901	-1.914	34.783	28.008	6.36	30.6	2.24	84.2					2.14	1.08	1	531

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WDIR	WINDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.498	-173.498	535	3	998	210	4	-4.		2353	09	FEB	1984	PS	84	2	96

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
96	2	0	-0.350	-0.350	1.53	1.53	34.207	27.483	29.859	32.209	36.828	59.0	0.000	1446.5	0
96	2	10	-0.355	-0.355	1.53	1.52	34.205	27.482	29.858	32.208	36.827	59.1	0.006	1446.6	9
96	2	20	-0.354	-0.355	1.54	1.52	34.206	27.483	29.859	32.208	36.828	59.0	0.012	1446.8	19
96	2	30	-0.356	-0.357	1.54	1.52	34.207	27.484	29.860	32.209	36.829	58.9	0.018	1446.9	29
96	2	40	-0.352	-0.353	1.56	1.52	34.211	27.487	29.863	32.212	36.832	58.6	0.024	1447.1	39
96	2	50	-0.937	-0.938	0.98	0.94	34.253	27.546	29.931	32.289	36.925	52.9	0.029	1444.6	49
96	2	60	-1.421	-1.422	0.51	0.46	34.299	27.600	29.992	32.358	37.009	47.6	0.034	1442.5	59
96	2	70	-1.475	-1.477	0.46	0.41	34.320	27.619	30.012	32.378	37.030	45.8	0.039	1442.5	69
96	2	80	-1.460	-1.462	0.49	0.42	34.338	27.633	30.026	32.392	37.043	44.4	0.043	1442.7	79
96	2	90	-1.334	-1.336	0.62	0.55	34.363	27.649	30.040	32.404	37.051	42.9	0.048	1443.5	89
96	2	100	-1.431	-1.433	0.53	0.45	34.368	27.656	30.049	32.414	37.064	42.1	0.052	1443.2	98
96	2	125	-1.283	-1.286	0.70	0.60	34.394	27.673	30.062	32.425	37.071	40.5	0.062	1444.4	123
96	2	150	-1.167	-1.171	0.83	0.72	34.422	27.691	30.079	32.440	37.082	38.7	0.072	1445.4	148
96	2	175	-1.219	-1.224	0.80	0.67	34.440	27.708	30.096	32.458	37.102	37.0	0.082	1445.5	173
96	2	200	-0.989	-0.995	1.05	0.90	34.471	27.724	30.109	32.467	37.104	35.5	0.091	1447.1	197
96	2	225	-0.881	-0.888	1.18	1.01	34.497	27.741	30.124	32.481	37.114	33.9	0.099	1448.0	222
96	2	250	-0.798	-0.806	1.29	1.10	34.522	27.758	30.140	32.495	37.125	32.2	0.108	1448.9	247
96	2	275	-0.931	-0.939	1.17	0.96	34.524	27.765	30.149	32.506	37.140	31.4	0.116	1448.6	271
96	2	300	-0.915	-0.924	1.21	0.98	34.536	27.774	30.158	32.515	37.148	30.5	0.123	1449.1	296
96	2	325	-0.963	-0.973	1.18	0.93	34.542	27.781	30.165	32.523	37.158	29.7	0.131	1449.3	321

Potential Temperature (°C)



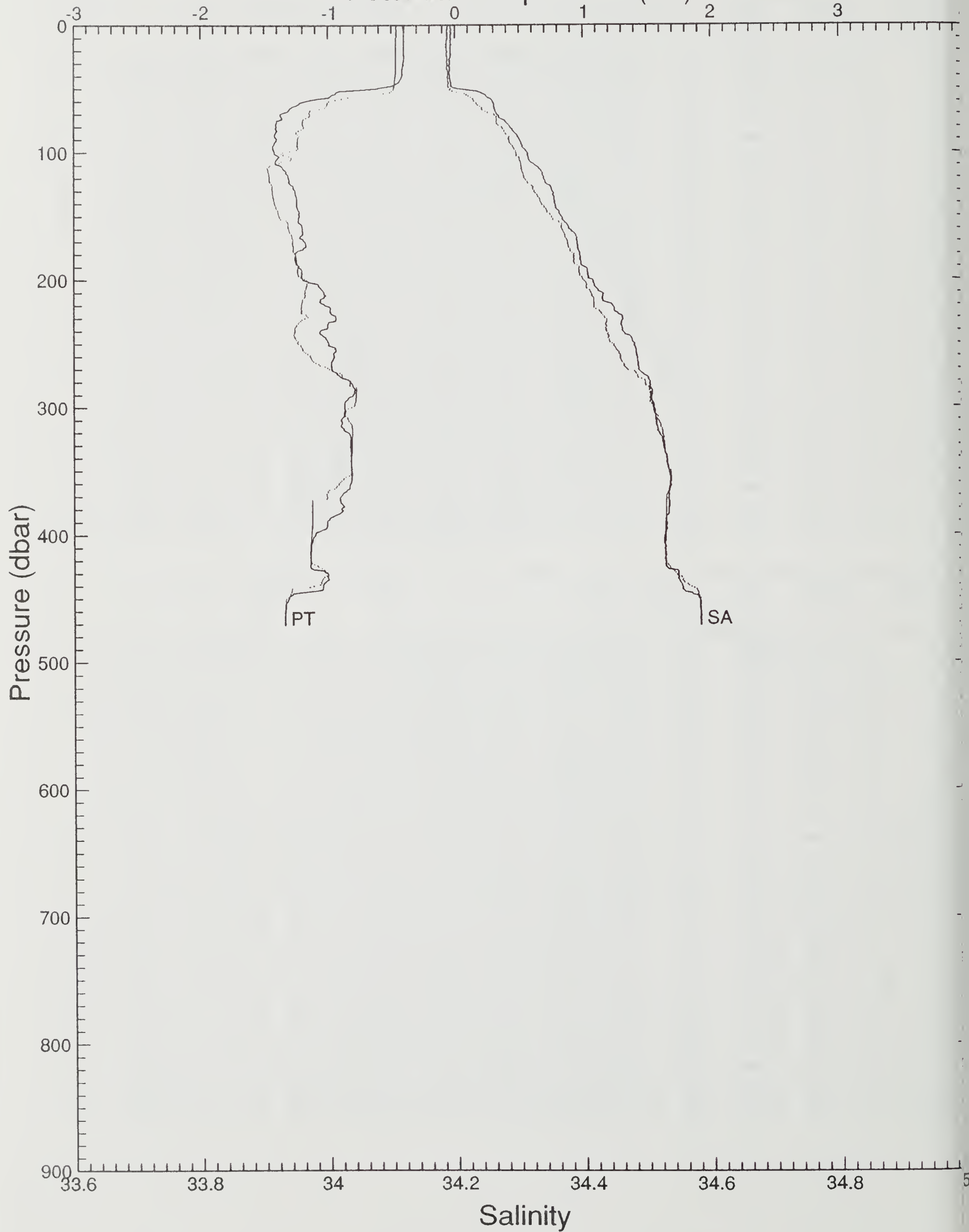
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.142	-172.600	501	3	997	240	4	-1.		0209	10	FEB	1984	PS	84	1	97

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
97	1	0	-0.349	-0.349	1.53	1.53	34.192	27.471	29.847	32.197	36.816	60.1	0.000	1446.4	0
97	1	10	-0.354	-0.354	1.53	1.52	34.192	27.471	29.848	32.197	36.817	60.1	0.006	1446.6	9
97	1	20	-0.345	-0.346	1.55	1.53	34.192	27.471	29.847	32.197	36.816	60.1	0.012	1446.8	19
97	1	30	-0.346	-0.347	1.55	1.53	34.192	27.471	29.847	32.197	36.816	60.1	0.018	1446.9	29
97	1	40	-0.348	-0.349	1.56	1.53	34.192	27.471	29.847	32.197	36.816	60.1	0.024	1447.1	39
97	1	50	-0.859	-0.860	1.06	1.02	34.226	27.521	29.905	32.262	36.896	55.3	0.030	1444.9	49
97	1	60	-1.209	-1.210	0.72	0.67	34.261	27.562	29.951	32.314	36.958	51.3	0.035	1443.5	59
97	1	70	-1.389	-1.391	0.54	0.49	34.290	27.592	29.984	32.349	36.998	48.4	0.040	1442.8	69
97	1	80	-1.436	-1.438	0.51	0.45	34.304	27.605	29.997	32.363	37.014	47.1	0.045	1442.8	79
97	1	90	-1.457	-1.459	0.49	0.43	34.315	27.614	30.007	32.373	37.025	46.1	0.050	1442.9	89
97	1	100	-1.455	-1.457	0.50	0.43	34.332	27.628	30.021	32.387	37.038	44.8	0.054	1443.1	98
97	1	125	-1.373	-1.376	0.61	0.51	34.366	27.653	30.044	32.409	37.057	42.3	0.065	1443.9	123
97	1	150	-1.284	-1.288	0.72	0.60	34.397	27.675	30.065	32.428	37.074	40.2	0.075	1444.8	148
97	1	175	-1.015	-1.020	1.01	0.88	34.431	27.693	30.079	32.437	37.074	38.5	0.085	1446.5	173
97	1	200	-1.078	-1.083	0.96	0.81	34.453	27.713	30.100	32.459	37.098	36.5	0.095	1446.6	197
97	1	225	-0.989	-0.995	1.07	0.90	34.479	27.731	30.116	32.474	37.110	34.8	0.103	1447.5	222
97	1	250	-0.908	-0.915	1.17	0.99	34.501	27.746	30.129	32.486	37.120	33.3	0.112	1448.3	247
97	1	275	-0.773	-0.781	1.33	1.12	34.529	27.763	30.144	32.499	37.128	31.8	0.120	1449.4	271
97	1	300	-0.761	-0.770	1.36	1.13	34.535	27.767	30.148	32.503	37.132	31.3	0.128	1449.9	296
97	1	325	-0.807	-0.817	1.33	1.09	34.539	27.772	30.154	32.509	37.140	30.7	0.136	1450.1	321
97	1	350	-0.825	-0.836	1.34	1.07	34.547	27.780	30.162	32.517	37.148	29.9	0.143	1450.4	345
97	1	375	-1.009	-1.020	1.17	0.89	34.547	27.787	30.172	32.530	37.167	29.0	0.151	1449.9	370
97	1	400	-1.080	-1.092	1.12	0.82	34.551	27.793	30.179	32.538	37.177	28.2	0.158	1450.0	395
97	1	425	-1.384	-1.396	0.83	0.51	34.551	27.804	30.195	32.559	37.206	26.8	0.165	1449.0	420
97	1	450	-1.470	-1.482	0.77	0.43	34.574	27.825	30.217	32.583	37.233	24.5	0.171	1449.0	444
97	1	475	-1.624	-1.636	0.63	0.28	34.612	27.861	30.255	32.623	37.277	20.8	0.177	1448.7	469
97	1	500	-1.761	-1.773	0.52	0.14	34.671	27.913	30.309	32.678	37.337	15.6	0.181	1448.6	494
97	1	501	-1.763	-1.775	0.52	0.14	34.671	27.913	30.309	32.679	37.337	15.6	0.181	1448.6	495

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.142	-172.535	501	3	997	240	4	0.		0233	10	FEB	1984	PS	84	2	97

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
97	2	0	-0.349	-0.349	1.53	1.53	34.190	27.469	29.846	32.195	36.815	60.3	0.000	1446.4	0
97	2	10	-0.349	-0.349	1.53	1.53	34.190	27.469	29.846	32.195	36.815	60.3	0.006	1446.6	9
97	2	20	-0.349	-0.350	1.54	1.53	34.190	27.469	29.846	32.195	36.815	60.2	0.012	1446.8	19
97	2	30	-0.349	-0.350	1.55	1.53	34.190	27.469	29.846	32.195	36.815	60.2	0.018	1446.9	29
97	2	40	-0.351	-0.352	1.55	1.52	34.191	27.470	29.847	32.196	36.816	60.1	0.024	1447.1	39
97	2	50	-0.423	-0.425	1.49	1.45	34.199	27.480	29.858	32.208	36.830	59.2	0.030	1446.9	49
97	2	60	-1.032	-1.034	0.89	0.85	34.248	27.545	29.932	32.291	36.931	52.9	0.036	1444.3	59
97	2	70	-1.343	-1.345	0.59	0.54	34.280	27.582	29.973	32.338	36.986	49.3	0.041	1443.0	69
97	2	80	-1.427	-1.429	0.51	0.45	34.300	27.601	29.994	32.359	37.010	47.4	0.046	1442.8	79
97	2	90	-1.472	-1.474	0.48	0.41	34.312	27.612	30.005	32.372	37.024	46.3	0.050	1442.8	89
97	2	100	-1.473	-1.475	0.49	0.41	34.322	27.620	30.013	32.380	37.032	45.5	0.055	1443.0	98
97	2	125	-1.409	-1.412	0.57	0.48	34.355	27.645	30.037	32.402	37.052	43.0	0.066	1443.7	123
97	2	150	-1.278	-1.282	0.72	0.61	34.391	27.670	30.060	32.423	37.068	40.6	0.076	1444.8	148
97	2	175	-1.026	-1.031	0.99	0.86	34.421	27.685	30.071	32.430	37.068	39.2	0.086	1446.4	173
97	2	200	-1.059	-1.065	0.98	0.83	34.445	27.706	30.092	32.451	37.090	37.2	0.096	1446.7	197
97	2	225	-0.907	-0.914	1.15	0.98	34.478	27.727	30.111	32.467	37.101	35.2	0.105	1447.9	222
97	2	250	-0.813	-0.821	1.27	1.08	34.506	27.746	30.128	32.483	37.114	33.4	0.114	1448.8	247
97	2	275	-0.810	-0.818	1.29	1.08	34.521	27.758	30.140	32.495	37.126	32.2	0.122	1449.2	271
97	2	300	-0.753	-0.762	1.37	1.14	34.535	27.767	30.148	32.502	37.131	31.3	0.130	1449.9	296
97	2	325	-0.775	-0.785	1.37	1.12	34.539	27.771	30.153	32.507	37.137	30.8	0.137	1450.2	321
97	2	350	-0.946	-0.957	1.21	0.95	34.535	27.775	30.159	32.516	37.151	30.3	0.145	1449.8	345
97	2	375	-1.016	-1.027	1.16	0.88	34.540	27.782	30.167	32.525	37.162	29.5	0.153	1449.9	370
97	2	400	-1.045	-1.057	1.15	0.85	34.555	27.795	30.180	32.539	37.177	28.1	0.160	1450.2	395
97	2	425	-1.365	-1.377	0.85	0.53	34.550	27.802	30.193	32.556	37.204	26.9	0.167	1449.1	420
97	2	450	-1.473	-1.485	0.76	0.42	34.574	27.825	30.217	32.583	37.233	24.5	0.173	1449.0	444
97	2	475	-1.638	-1.650	0.62	0.26	34.618	27.866	30.261	32.628	37.283	20.3	0.179	1448.7	469
97	2	500	-1.761	-1.773	0.52	0.14	34.670	27.912	30.308	32.678	37.336	15.7	0.183	1448.6	494
97	2	501	-1.761	-1.773	0.52	0.14	34.669	27.911	30.308	32.677	37.335	15.8	0.183	1448.6	495

Potential Temperature (°C)



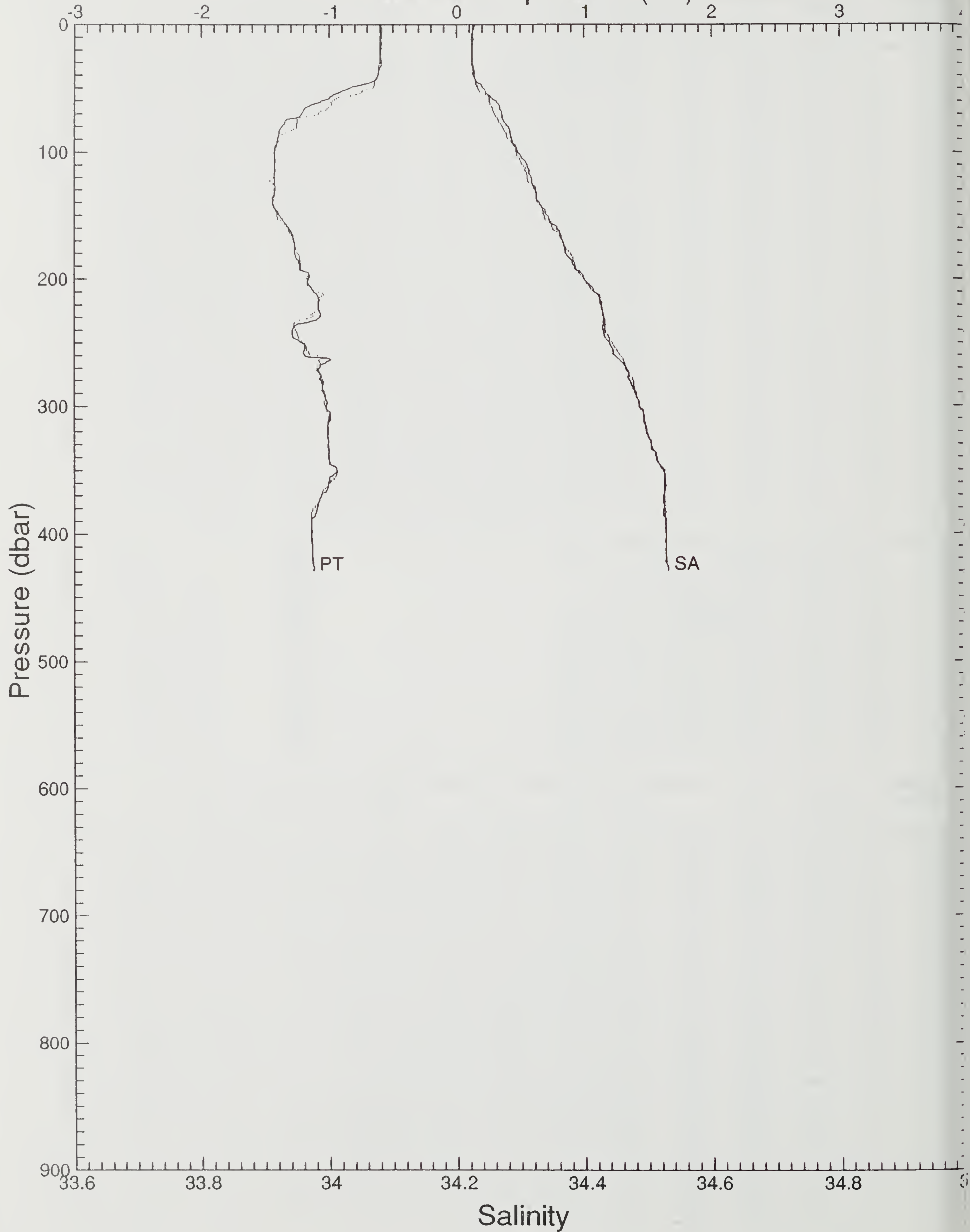
LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
 -76.940 -172.013 472 996 240 4 -2. 0409 10 FEB 1984 PS 84 1 98

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
98	1	0	-0.407	-0.407	1.47	1.47	34.194	27.475	29.852	32.203	36.824	59.7	0.000	1446.2	0
98	1	10	-0.401	-0.401	1.48	1.47	34.193	27.474	29.851	32.202	36.823	59.8	0.006	1446.4	9
98	1	20	-0.401	-0.402	1.49	1.47	34.193	27.474	29.851	32.202	36.823	59.8	0.012	1446.5	19
98	1	30	-0.407	-0.408	1.49	1.47	34.192	27.474	29.851	32.201	36.822	59.8	0.018	1446.7	29
98	1	40	-0.415	-0.416	1.49	1.46	34.192	27.474	29.851	32.202	36.823	59.8	0.024	1446.8	39
98	1	50	-0.620	-0.621	1.29	1.26	34.204	27.493	29.873	32.227	36.854	57.9	0.030	1446.0	49
98	1	60	-1.182	-1.183	0.74	0.70	34.259	27.560	29.948	32.310	36.954	51.5	0.035	1443.6	59
98	1	70	-1.372	-1.374	0.56	0.51	34.265	27.571	29.963	32.327	36.977	50.3	0.040	1442.9	69
98	1	80	-1.403	-1.405	0.54	0.48	34.286	27.589	29.981	32.346	36.997	48.6	0.045	1442.9	79
98	1	90	-1.402	-1.404	0.55	0.48	34.301	27.601	29.993	32.358	37.008	47.4	0.050	1443.1	89
98	1	100	-1.416	-1.418	0.54	0.47	34.313	27.611	30.004	32.369	37.019	46.4	0.055	1443.2	98
98	1	125	-1.288	-1.291	0.69	0.60	34.344	27.632	30.022	32.386	37.032	44.3	0.066	1444.3	123
98	1	150	-1.220	-1.224	0.78	0.67	34.366	27.648	30.037	32.399	37.043	42.8	0.077	1445.0	148
98	1	175	-1.191	-1.196	0.83	0.70	34.392	27.668	30.056	32.418	37.061	40.8	0.088	1445.6	173
98	1	200	-1.193	-1.198	0.85	0.70	34.415	27.687	30.075	32.436	37.079	38.9	0.097	1446.0	197
98	1	225	-0.980	-0.986	1.08	0.91	34.449	27.706	30.091	32.449	37.085	37.1	0.107	1447.5	222
98	1	250	-0.988	-0.995	1.09	0.91	34.481	27.733	30.117	32.476	37.112	34.5	0.116	1447.9	247
98	1	275	-0.905	-0.913	1.20	0.99	34.496	27.742	30.125	32.482	37.115	33.7	0.124	1448.7	271
98	1	300	-0.863	-0.872	1.26	1.03	34.510	27.751	30.134	32.490	37.122	32.7	0.133	1449.4	296
98	1	325	-0.816	-0.826	1.32	1.08	34.523	27.760	30.142	32.497	37.128	31.9	0.141	1450.0	321
98	1	350	-0.810	-0.821	1.35	1.09	34.534	27.769	30.151	32.506	37.136	31.0	0.149	1450.5	345
98	1	375	-0.891	-0.903	1.29	1.00	34.534	27.772	30.155	32.512	37.144	30.5	0.156	1450.5	370
98	1	400	-1.095	-1.107	1.10	0.80	34.527	27.774	30.161	32.520	37.159	30.0	0.164	1449.9	395
98	1	425	-1.132	-1.144	1.08	0.76	34.528	27.776	30.163	32.523	37.164	29.6	0.171	1450.2	420
98	1	450	-1.301	-1.314	0.94	0.60	34.579	27.824	30.213	32.576	37.221	24.9	0.178	1449.8	444
98	1	471	-1.332	-1.345	0.92	0.57	34.583	27.828	30.218	32.581	37.227	24.4	0.183	1450.0	465

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
98		4	-0.458	-0.458	34.191	27.475	8.72						2098			2.34	12	4
98		35	-0.463	-0.464	34.186	27.471	8.67						2098			2.45	11	35
98		81	-1.190	-1.192	34.267	27.566							2173		3.41	1.65	10	80
98		125	-1.438	-1.441	34.317	27.615	6.66						2192		3.48	1.57	9	124
98		178	-1.267	-1.272	34.378	27.659	6.41						2203		2.38	1.22	8	176
98		228	-1.161	-1.167	34.434	27.701	6.27						2210		2.95	1.27	7	226
98		278	-0.835	-0.843	34.486	27.731	5.99						2215		1.99	0.98	6	275
98		304	-0.870	-0.879	34.509	27.751	5.97						2217		1.88	0.94	5	300
98		355	-0.855	-0.866	34.533	27.770	5.95						2219		2.15	0.92	4	351
98		408	-1.129	-1.141	34.527	27.775	6.13						2216		2.00	1.00	3	403
98		458	-1.328	-1.341	34.578	27.824	6.15						2220		2.09	1.04	2	453
98		473	-1.330	-1.343	34.593	27.836	6.14						2225		2.40	1.03	1	467

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
 -76.940 -172.013 472 996 240 4 -1. 0500 10 FEB 1984 PS 84 2 98

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
98	2	0	-0.460	-0.460	1.42	1.42	34.190	27.475	29.852	32.204	36.826	59.8	0.000	1445.9	0
98	2	10	-0.464	-0.464	1.42	1.41	34.188	27.473	29.851	32.202	36.825	59.9	0.006	1446.1	9
98	2	20	-0.464	-0.465	1.43	1.41	34.187	27.472	29.850	32.202	36.825	60.0	0.012	1446.2	19
98	2	30	-0.464	-0.465	1.43	1.41	34.188	27.473	29.851	32.202	36.825	59.9	0.018	1446.4	29
98	2	40	-0.468	-0.469	1.44	1.41	34.189	27.474	29.852	32.204	36.827	59.8	0.024	1446.5	39
98	2	50	-0.479	-0.481	1.44	1.40	34.193	27.478	29.856	32.208	36.831	59.4	0.030	1446.7	49
98	2	60	-0.989	-0.991	0.93	0.89	34.230	27.529	29.915	32.274	36.912	54.4	0.036	1444.5	59
98	2	70	-1.139	-1.141	0.79	0.74	34.261	27.560	29.948	32.309	36.951	51.5	0.041	1444.0	69
98	2	80	-1.187	-1.189	0.75	0.69	34.273	27.571	29.960	32.322	36.966	50.3	0.046	1443.9	79
98	2	90	-1.236	-1.238	0.71	0.65	34.284	27.582	29.971	32.334	36.979	49.3	0.051	1443.9	89
98	2	100	-1.349	-1.351	0.61	0.53	34.295	27.594	29.986	32.350	36.999	48.0	0.056	1443.5	98
98	2	125	-1.438	-1.441	0.54	0.45	34.317	27.615	30.008	32.373	37.025	45.9	0.068	1443.5	123
98	2	150	-1.379	-1.383	0.62	0.51	34.351	27.641	30.032	32.397	37.046	43.3	0.079	1444.3	148
98	2	175	-1.268	-1.272	0.75	0.62	34.378	27.659	30.049	32.412	37.057	41.6	0.089	1445.2	173
98	2	200	-1.163	-1.168	0.87	0.72	34.400	27.673	30.061	32.422	37.064	40.2	0.100	1446.2	197
98	2	225	-1.204	-1.210	0.86	0.69	34.426	27.696	30.084	32.446	37.089	37.9	0.109	1446.4	222
98	2	250	-1.228	-1.235	0.85	0.66	34.445	27.712	30.101	32.463	37.107	36.3	0.119	1446.7	247
98	2	275	-0.885	-0.893	1.22	1.01	34.485	27.732	30.115	32.472	37.105	34.6	0.127	1448.8	271
98	2	300	-0.810	-0.819	1.31	1.08	34.509	27.748	30.130	32.486	37.116	33.0	0.136	1449.6	296
98	2	325	-0.804	-0.814	1.34	1.09	34.525	27.761	30.143	32.498	37.128	31.8	0.144	1450.1	321
98	2	350	-0.809	-0.820	1.35	1.09	34.536	27.770	30.152	32.507	37.138	30.8	0.152	1450.5	345
98	2	375	-1.117	-1.128	1.06	0.78	34.529	27.777	30.163	32.523	37.163	29.8	0.159	1449.4	370

Potential Temperature ($^{\circ}\text{C}$)

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.643	-171.402	436	10	995	320	2	-1.		0650	10	FEB	1984	PS	84	1	99

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
99	1	0	-0.592	-0.592	1.29	1.29	34.228	27.511	29.891	32.244	36.870	56.3	0.000	1445.4	0
99	1	10	-0.593	-0.593	1.29	1.28	34.223	27.507	29.887	32.240	36.866	56.7	0.006	1445.5	9
99	1	20	-0.594	-0.595	1.30	1.28	34.224	27.508	29.888	32.241	36.867	56.6	0.011	1445.7	19
99	1	30	-0.592	-0.593	1.31	1.29	34.224	27.508	29.888	32.241	36.867	56.6	0.017	1445.8	29
99	1	40	-0.615	-0.616	1.29	1.26	34.226	27.511	29.891	32.244	36.871	56.3	0.023	1445.9	39
99	1	50	-0.840	-0.841	1.08	1.04	34.241	27.532	29.916	32.272	36.906	54.2	0.028	1445.0	49
99	1	60	-1.060	-1.062	0.86	0.82	34.263	27.558	29.945	32.305	36.945	51.6	0.033	1444.2	59
99	1	70	-1.216	-1.218	0.72	0.67	34.271	27.570	29.960	32.322	36.967	50.4	0.039	1443.6	69
99	1	80	-1.366	-1.368	0.57	0.51	34.282	27.584	29.976	32.341	36.990	49.0	0.044	1443.1	79
99	1	90	-1.402	-1.404	0.55	0.48	34.287	27.590	29.982	32.347	36.997	48.5	0.048	1443.1	89
99	1	100	-1.425	-1.427	0.53	0.46	34.296	27.598	29.990	32.356	37.007	47.6	0.053	1443.2	98
99	1	125	-1.423	-1.426	0.55	0.46	34.319	27.616	30.009	32.374	37.025	45.8	0.065	1443.6	123
99	1	150	-1.384	-1.388	0.61	0.50	34.343	27.635	30.026	32.391	37.040	43.9	0.076	1444.2	148
99	1	175	-1.267	-1.271	0.75	0.62	34.370	27.653	30.042	32.405	37.051	42.2	0.087	1445.2	173
99	1	200	-1.154	-1.159	0.89	0.73	34.401	27.674	30.062	32.423	37.064	40.1	0.097	1446.2	197
99	1	225	-1.066	-1.072	0.99	0.82	34.429	27.693	30.080	32.439	37.078	38.3	0.107	1447.1	222
99	1	250	-1.204	-1.211	0.87	0.69	34.441	27.708	30.097	32.458	37.101	36.7	0.116	1446.8	247
99	1	275	-1.053	-1.061	1.05	0.84	34.471	27.727	30.113	32.472	37.110	34.9	0.125	1448.0	271
99	1	300	-1.014	-1.023	1.11	0.88	34.486	27.738	30.123	32.481	37.118	33.8	0.134	1448.6	296
99	1	325	-0.998	-1.008	1.14	0.90	34.501	27.749	30.134	32.492	37.129	32.7	0.142	1449.1	321
99	1	350	-0.926	-0.937	1.23	0.97	34.526	27.767	30.151	32.508	37.142	31.0	0.150	1449.9	345
99	1	375	-1.068	-1.079	1.11	0.83	34.524	27.771	30.157	32.516	37.154	30.4	0.158	1449.6	370
99	1	400	-1.125	-1.137	1.07	0.77	34.529	27.777	30.164	32.524	37.164	29.7	0.165	1449.8	395
99	1	425	-1.109	-1.122	1.11	0.79	34.531	27.778	30.165	32.524	37.164	29.5	0.173	1450.3	420
99	1	429	-1.107	-1.120	1.11	0.79	34.532	27.779	30.165	32.525	37.164	29.4	0.174	1450.3	423

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.643	-171.402	436	10	995	340	1	2.		0705	10	FEB	1984	PS	84	2	99

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
99	2	0	-0.595	-0.595	1.28	1.28	34.226	27.510	29.890	32.243	36.869	56.5	0.000	1445.3	0
99	2	10	-0.602	-0.602	1.28	1.28	34.225	27.509	29.889	32.242	36.869	56.5	0.006	1445.5	9
99	2	20	-0.600	-0.601	1.29	1.28	34.224	27.508	29.888	32.241	36.868	56.6	0.011	1445.6	19
99	2	30	-0.601	-0.602	1.30	1.28	34.225	27.509	29.889	32.242	36.869	56.5	0.017	1445.8	29
99	2	40	-0.619	-0.620	1.29	1.26	34.227	27.512	29.892	32.245	36.872	56.2	0.023	1445.9	39
99	2	50	-0.653	-0.654	1.26	1.22	34.233	27.518	29.899	32.253	36.881	55.6	0.028	1445.9	49
99	2	60	-0.971	-0.973	0.95	0.91	34.252	27.546	29.932	32.290	36.928	52.8	0.034	1444.6	59
99	2	70	-1.082	-1.084	0.85	0.80	34.260	27.557	29.944	32.304	36.945	51.7	0.039	1444.2	69
99	2	80	-1.253	-1.255	0.69	0.63	34.272	27.573	29.962	32.325	36.971	50.2	0.044	1443.6	79
99	2	90	-1.402	-1.404	0.55	0.48	34.281	27.585	29.977	32.342	36.993	48.9	0.049	1443.1	89
99	2	100	-1.422	-1.424	0.54	0.46	34.293	27.595	29.988	32.353	37.004	47.9	0.054	1443.2	98
99	2	125	-1.431	-1.434	0.55	0.45	34.319	27.617	30.009	32.375	37.026	45.7	0.065	1443.6	123
99	2	150	-1.405	-1.409	0.59	0.48	34.337	27.630	30.022	32.387	37.037	44.3	0.077	1444.1	148
99	2	175	-1.262	-1.266	0.76	0.62	34.371	27.653	30.043	32.406	37.051	42.1	0.088	1445.2	173
99	2	200	-1.163	-1.168	0.87	0.72	34.400	27.673	30.061	32.422	37.064	40.2	0.098	1446.2	197
99	2	225	-1.071	-1.077	0.99	0.82	34.429	27.694	30.080	32.439	37.079	38.2	0.108	1447.0	222
99	2	250	-1.186	-1.193	0.89	0.70	34.445	27.711	30.099	32.460	37.103	36.4	0.117	1446.9	247
99	2	275	-1.062	-1.070	1.04	0.83	34.471	27.727	30.113	32.473	37.111	34.9	0.126	1448.0	271
99	2	300	-1.020	-1.029	1.10	0.87	34.487	27.739	30.124	32.483	37.120	33.7	0.134	1448.6	296
99	2	325	-0.998	-1.008	1.14	0.90	34.502	27.750	30.135	32.493	37.130	32.6	0.143	1449.1	321
99	2	350	-0.926	-0.937	1.23	0.97	34.523	27.764	30.148	32.505	37.139	31.3	0.151	1449.9	345
99	2	375	-1.071	-1.082	1.11	0.82	34.526	27.772	30.158	32.518	37.156	30.3	0.158	1449.6	370
99	2	400	-1.126	-1.138	1.07	0.77	34.528	27.776	30.163	32.523	37.163	29.8	0.166	1449.8	395
99	2	425	-1.105	-1.118	1.11	0.79	34.531	27.778	30.164	32.524	37.163	29.5	0.173	1450.3	420
99	2	429	-1.101	-1.114	1.12	0.79	34.532	27.778	30.165	32.525	37.164	29.5	0.174	1450.4	423

PS_84 100

76 18 S

170 49 W

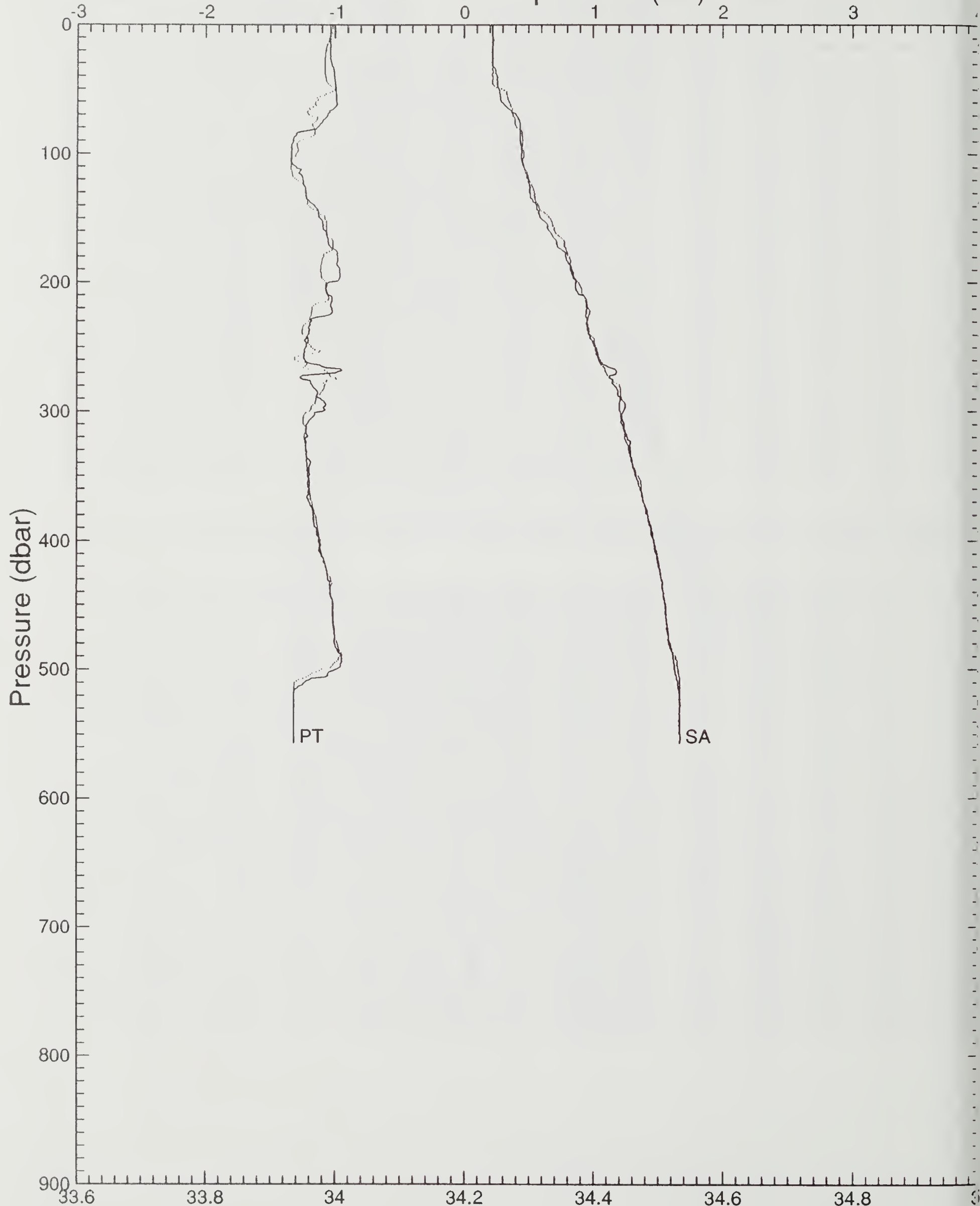
Potential Temperature (°C)

Pressure (dbar)

PT

SA

Salinity



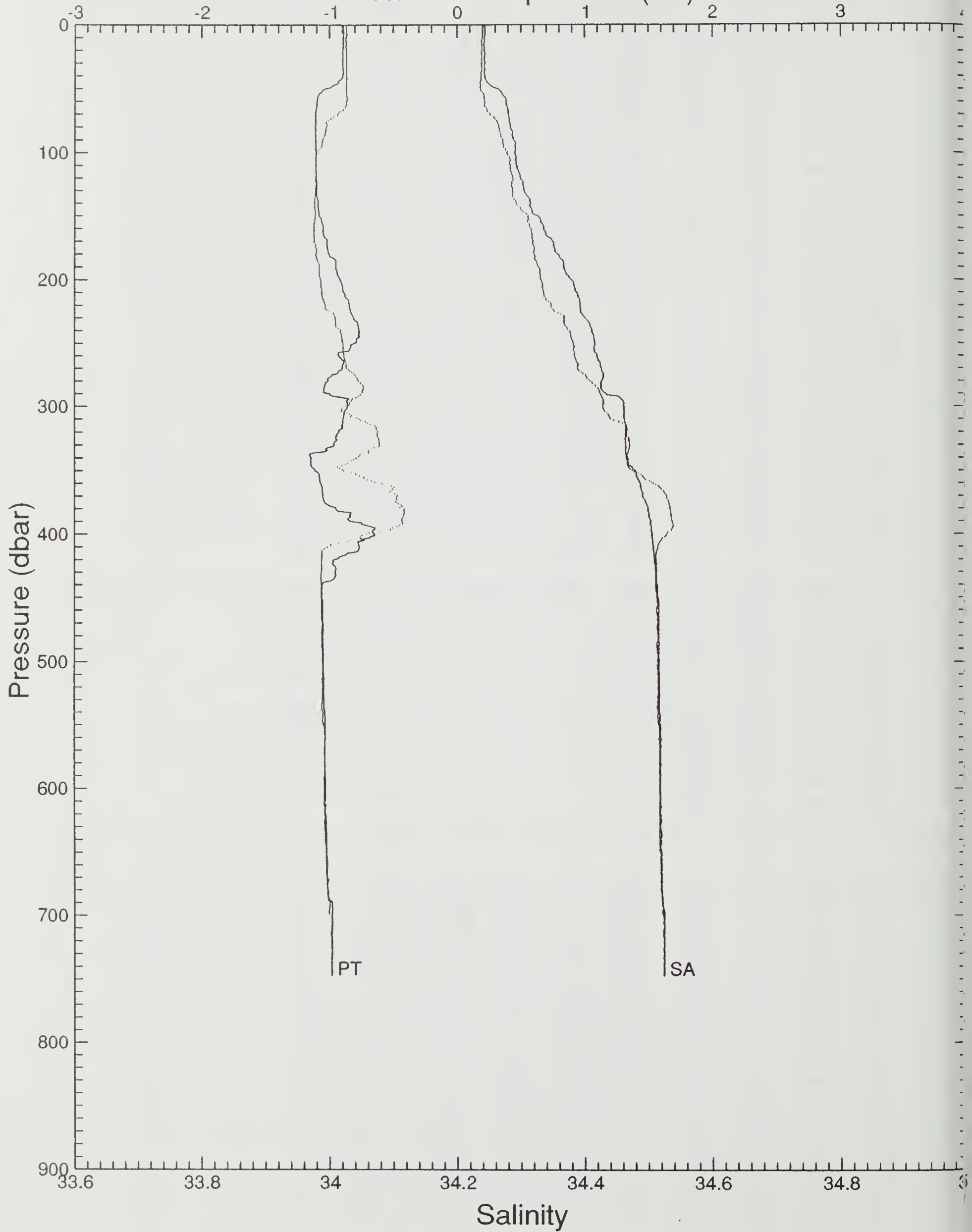
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.293	-170.817	557		994	340	3	3.		0908	10	FEB	1984	PS	84	1	100

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
100	1	0	-1.036	-1.036	0.84	0.84	34.244	27.542	29.929	32.288	36.928	53.4	0.000	1443.3	0
100	1	10	-1.042	-1.042	0.84	0.84	34.245	27.543	29.930	32.290	36.929	53.3	0.005	1443.4	9
100	1	20	-1.035	-1.036	0.86	0.84	34.244	27.542	29.929	32.288	36.928	53.3	0.011	1443.6	19
100	1	30	-1.024	-1.025	0.88	0.85	34.244	27.542	29.928	32.288	36.927	53.3	0.016	1443.8	29
100	1	40	-1.003	-1.004	0.91	0.88	34.251	27.546	29.933	32.292	36.930	52.8	0.021	1444.1	39
100	1	50	-0.991	-0.992	0.93	0.89	34.254	27.548	29.934	32.293	36.931	52.6	0.027	1444.3	49
100	1	60	-0.986	-0.988	0.94	0.89	34.258	27.552	29.937	32.296	36.934	52.3	0.032	1444.5	59
100	1	70	-1.053	-1.055	0.88	0.83	34.281	27.573	29.959	32.319	36.959	50.2	0.037	1444.4	69
100	1	80	-1.137	-1.139	0.80	0.74	34.287	27.581	29.969	32.330	36.972	49.4	0.042	1444.2	79
100	1	90	-1.318	-1.320	0.63	0.56	34.287	27.587	29.978	32.342	36.989	48.7	0.047	1443.5	89
100	1	100	-1.334	-1.336	0.62	0.55	34.289	27.589	29.980	32.344	36.992	48.5	0.052	1443.6	98
100	1	125	-1.226	-1.229	0.75	0.66	34.302	27.596	29.985	32.348	36.993	47.8	0.064	1444.5	123
100	1	150	-1.106	-1.110	0.89	0.78	34.320	27.606	29.994	32.354	36.995	46.7	0.076	1445.5	148
100	1	175	-0.983	-0.988	1.03	0.90	34.353	27.629	30.014	32.372	37.009	44.6	0.087	1446.5	173
100	1	200	-1.034	-1.040	1.00	0.85	34.374	27.648	30.034	32.393	37.031	42.7	0.098	1446.7	197
100	1	225	-1.030	-1.036	1.03	0.86	34.394	27.664	30.050	32.409	37.047	41.1	0.108	1447.2	222
100	1	250	-1.213	-1.220	0.86	0.67	34.404	27.678	30.067	32.429	37.073	39.5	0.118	1446.7	247
100	1	275	-1.236	-1.243	0.86	0.65	34.431	27.701	30.090	32.452	37.096	37.2	0.128	1447.1	271
100	1	300	-1.082	-1.090	1.03	0.81	34.447	27.709	30.095	32.455	37.094	36.5	0.137	1448.2	296
100	1	325	-1.214	-1.223	0.92	0.68	34.458	27.722	30.111	32.473	37.116	35.0	0.146	1448.0	321
100	1	350	-1.185	-1.195	0.97	0.71	34.466	27.728	30.116	32.477	37.119	34.4	0.155	1448.6	345
100	1	375	-1.158	-1.169	1.02	0.74	34.483	27.741	30.128	32.489	37.130	33.2	0.163	1449.2	370
100	1	400	-1.110	-1.122	1.08	0.78	34.494	27.748	30.135	32.495	37.135	32.4	0.171	1449.8	395
100	1	425	-1.042	-1.055	1.17	0.85	34.504	27.754	30.139	32.498	37.136	31.9	0.180	1450.5	420
100	1	450	-0.995	-1.009	1.24	0.90	34.512	27.758	30.143	32.501	37.138	31.4	0.187	1451.2	444
100	1	475	-0.979	-0.994	1.27	0.92	34.517	27.762	30.146	32.504	37.140	31.1	0.195	1451.7	469
100	1	500	-0.968	-0.984	1.30	0.93	34.526	27.769	30.153	32.511	37.146	30.3	0.203	1452.2	494
100	1	550	-1.296	-1.312	1.01	0.60	34.535	27.788	30.178	32.540	37.186	27.8	0.217	1451.4	543
100	1	557	-1.295	-1.311	1.02	0.60	34.534	27.787	30.177	32.539	37.185	27.9	0.219	1451.5	550

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
100	1	3	-1.018	-1.018	34.243	27.541	7.40	23.4	1.71	60.8			2146	2323		2.61	12	3
100		3	-1.018	-1.018	34.244	27.541					290	277					11	3
100	1	102	-1.303	-1.305	34.293	27.591	7.14	26.1	1.91	66.8			2174	2319		1.72	10	101
100		102	-1.303	-1.305	34.290	27.589					358	338					9	101
100	1	193	-1.096	-1.101	34.367	27.644	6.53	28.8	2.06	71.3			2195	2320	3.04	1.47	8	191
100		193	-1.096	-1.101	34.368	27.645					411	392					7	191
100	1	331	-1.204	-1.213	34.456	27.720	6.29	30.3	2.14	76.5			2207	2323	2.43	1.29	6	327
100		331	-1.204	-1.213	34.455	27.720					441	419					5	327
100	1	500	-1.079	-1.094	34.532	27.778	6.05	30.8	2.16	80.9			2217	2332	2.32	1.08	4	494
100		500	-1.079	-1.094	34.525	27.772					449	429					3	494
100	1	559	-1.295	-1.311	34.533	27.786	6.22	30.5	2.15	79.1			2214	2330	2.62	1.20	2	552
100		559	-1.295	-1.311	34.533	27.786					447	423					1	552

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.293	-170.817	557		994	10	2	3.		0951	10	FEB	1984	PS	84	2	100

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
100	2	0	-1.018	-1.018	0.86	0.86	34.244	27.541	29.928	32.287	36.926	53.5	0.000	1443.4	0
100	2	10	-1.024	-1.024	0.86	0.85	34.245	27.542	29.929	32.288	36.927	53.3	0.005	1443.5	9
100	2	20	-1.069	-1.070	0.82	0.81	34.245	27.544	29.931	32.291	36.932	53.1	0.011	1443.5	19
100	2	30	-1.076	-1.077	0.83	0.80	34.244	27.544	29.931	32.291	36.932	53.2	0.016	1443.6	29
100	2	40	-1.072	-1.073	0.84	0.81	34.244	27.543	29.931	32.291	36.931	53.1	0.021	1443.8	39
100	2	50	-0.997	-0.998	0.92	0.88	34.258	27.552	29.938	32.297	36.935	52.3	0.027	1444.3	49
100	2	60	-1.146	-1.148	0.78	0.73	34.270	27.567	29.955	32.317	36.959	50.8	0.032	1443.8	59
100	2	70	-1.198	-1.200	0.74	0.68	34.276	27.574	29.963	32.325	36.969	50.1	0.037	1443.7	69
100	2	80	-1.160	-1.162	0.78	0.72	34.282	27.577	29.966	32.327	36.970	49.7	0.042	1444.1	79
100	2	90	-1.269	-1.271	0.68	0.61	34.291	27.589	29.979	32.342	36.988	48.6	0.047	1443.7	89
100	2	100	-1.295	-1.297	0.66	0.59	34.293	27.591	29.981	32.345	36.992	48.3	0.052	1443.8	98
100	2	125	-1.233	-1.236	0.74	0.65	34.306	27.599	29.989	32.351	36.996	47.4	0.064	1444.5	123
100	2	150	-1.070	-1.074	0.93	0.81	34.334	27.616	30.003	32.363	37.003	45.8	0.075	1445.7	148
100	2	175	-1.015	-1.020	1.00	0.87	34.359	27.635	30.020	32.379	37.017	44.0	0.086	1446.4	173
100	2	200	-1.060	-1.065	0.98	0.83	34.378	27.652	30.038	32.398	37.037	42.3	0.097	1446.6	197
100	2	225	-1.173	-1.179	0.88	0.71	34.389	27.665	30.053	32.414	37.057	40.9	0.108	1446.5	222
100	2	250	-1.171	-1.178	0.91	0.72	34.406	27.679	30.067	32.428	37.070	39.5	0.118	1446.9	247
100	2	275	-0.976	-0.984	1.12	0.91	34.429	27.690	30.075	32.433	37.069	38.5	0.127	1448.3	271
100	2	300	-1.183	-1.191	0.93	0.71	34.442	27.708	30.096	32.458	37.100	36.5	0.137	1447.8	296

Potential Temperature ($^{\circ}\text{C}$)

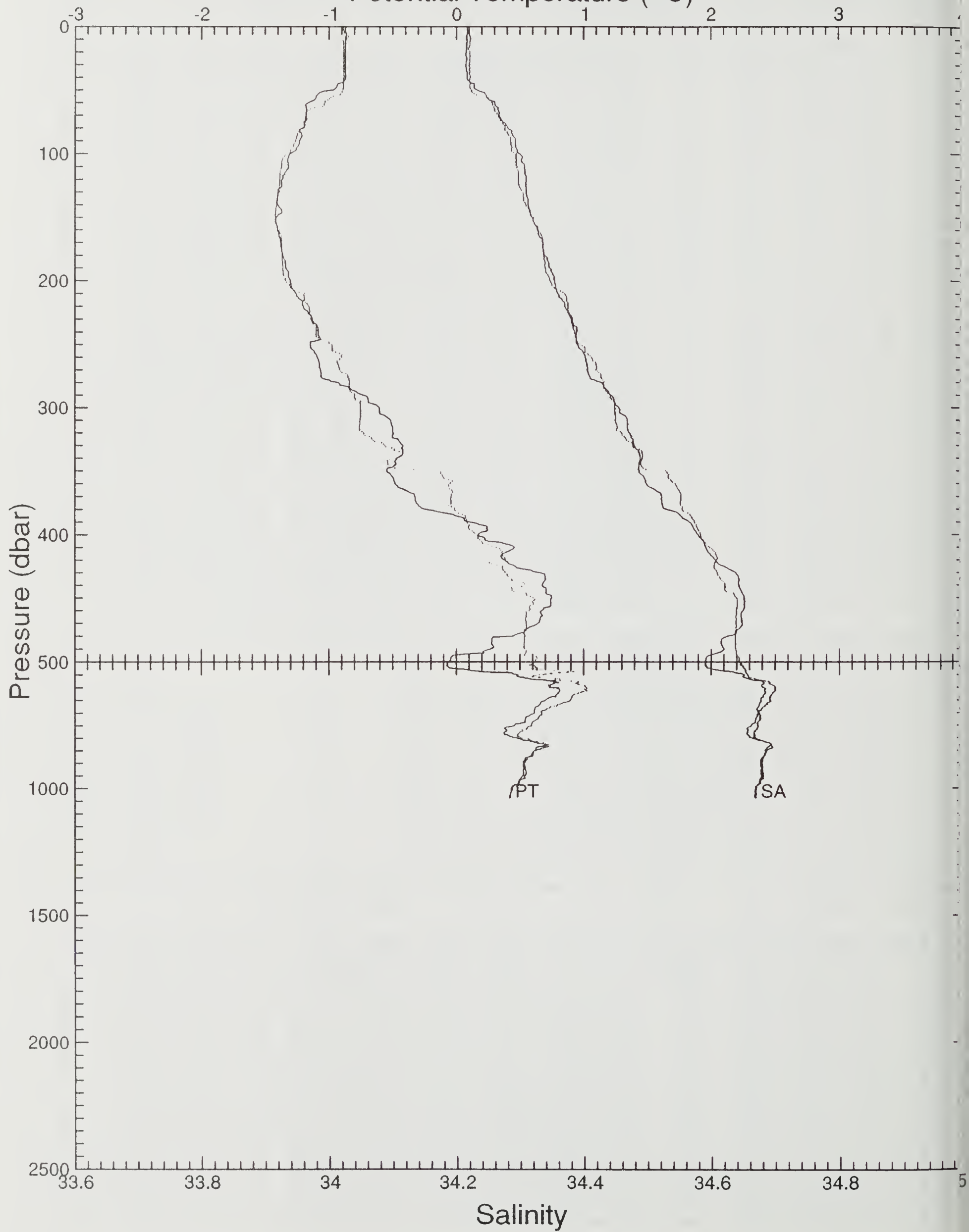
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.020	-170.272	745	3	993	310	9	-1.		1128	10	FEB	1984	PS	84	1	101

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
101	1	0	-0.891	-0.891	0.99	0.99	34.244	27.536	29.921	32.278	36.913	53.9	0.000	1444.0	0
101	1	10	-0.892	-0.892	0.99	0.99	34.243	27.536	29.920	32.278	36.913	54.0	0.005	1444.1	9
101	1	20	-0.893	-0.894	1.00	0.99	34.242	27.535	29.919	32.277	36.912	54.0	0.011	1444.3	19
101	1	30	-0.893	-0.894	1.01	0.99	34.244	27.537	29.921	32.278	36.914	53.8	0.016	1444.5	29
101	1	40	-0.895	-0.896	1.01	0.98	34.244	27.537	29.921	32.279	36.914	53.8	0.022	1444.6	39
101	1	50	-1.032	-1.033	0.89	0.85	34.264	27.558	29.945	32.304	36.943	51.7	0.027	1444.2	49
101	1	60	-1.095	-1.097	0.83	0.79	34.277	27.571	29.958	32.319	36.960	50.4	0.032	1444.0	59
101	1	70	-1.106	-1.108	0.83	0.77	34.281	27.575	29.962	32.323	36.964	50.0	0.037	1444.2	69
101	1	80	-1.108	-1.110	0.83	0.77	34.284	27.577	29.965	32.325	36.967	49.8	0.042	1444.3	79
101	1	90	-1.104	-1.106	0.84	0.78	34.289	27.581	29.969	32.329	36.970	49.4	0.047	1444.5	89
101	1	100	-1.103	-1.106	0.85	0.78	34.291	27.583	29.970	32.331	36.972	49.2	0.052	1444.7	98
101	1	125	-1.097	-1.100	0.88	0.78	34.304	27.593	29.980	32.341	36.982	48.1	0.064	1445.1	123
101	1	150	-1.076	-1.080	0.92	0.81	34.327	27.611	29.998	32.358	36.998	46.3	0.076	1445.7	148
101	1	175	-1.011	-1.016	1.01	0.87	34.353	27.630	30.015	32.374	37.012	44.5	0.087	1446.4	173
101	1	200	-0.908	-0.914	1.13	0.98	34.380	27.648	30.032	32.389	37.023	42.8	0.098	1447.3	197
101	1	225	-0.828	-0.835	1.23	1.06	34.394	27.656	30.039	32.395	37.027	42.0	0.109	1448.1	222
101	1	250	-0.800	-0.808	1.28	1.09	34.417	27.673	30.056	32.411	37.042	40.2	0.119	1448.7	247
101	1	275	-0.972	-0.980	1.13	0.92	34.430	27.691	30.076	32.434	37.070	38.4	0.129	1448.3	271
101	1	300	-0.849	-0.858	1.27	1.04	34.462	27.712	30.095	32.451	37.083	36.4	0.138	1449.4	296
101	1	325	-0.939	-0.949	1.20	0.95	34.464	27.717	30.101	32.459	37.094	35.8	0.147	1449.3	321
101	1	350	-1.102	-1.112	1.05	0.79	34.480	27.736	30.123	32.483	37.122	33.7	0.156	1449.0	345
101	1	375	-1.024	-1.035	1.15	0.87	34.496	27.746	30.132	32.490	37.128	32.8	0.164	1449.8	370
101	1	400	-0.632	-0.645	1.56	1.26	34.506	27.738	30.118	32.470	37.096	33.9	0.172	1452.1	395
101	1	425	-0.942	-0.955	1.27	0.95	34.511	27.755	30.139	32.497	37.131	31.9	0.181	1451.0	420
101	1	450	-1.049	-1.063	1.18	0.84	34.515	27.763	30.149	32.507	37.145	30.9	0.189	1450.9	444
101	1	475	-1.036	-1.050	1.22	0.86	34.517	27.764	30.149	32.508	37.146	30.8	0.196	1451.4	469
101	1	500	-1.033	-1.048	1.24	0.86	34.517	27.764	30.149	32.508	37.146	30.7	0.204	1451.8	494
101	1	550	-1.015	-1.032	1.29	0.88	34.519	27.765	30.150	32.509	37.146	30.5	0.219	1452.7	543
101	1	600	-1.020	-1.039	1.33	0.88	34.519	27.765	30.150	32.509	37.146	30.3	0.234	1453.5	592
101	1	650	-1.000	-1.021	1.38	0.90	34.521	27.766	30.151	32.509	37.146	30.0	0.249	1454.5	642
101	1	700	-0.954	-0.977	1.47	0.94	34.525	27.768	30.152	32.510	37.145	29.8	0.264	1455.5	691
101	1	747	-0.956	-0.981	1.50	0.94	34.524	27.767	30.151	32.509	37.144	29.7	0.278	1456.3	737

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
101		12	-0.873	-0.873	34.242	27.534	8.08	24.3	1.71	59.3						2.08	12	12
101		72	-0.967	-0.969	34.264	27.556	7.75	25.4	1.82	61.3						1.89	11	71
101		123	-1.101	-1.104	34.288	27.580	7.16	27.4	1.97	64.4						1.68	10	122
101		244	-0.899	-0.906	34.382	27.649	6.31	29.8	2.11	71.7					2.85	1.23	9	242
101		306	-0.832	-0.841	34.437	27.691	6.15	30.4	2.14	76.7					2.46	1.07	8	302
101		349	-0.888	-0.899	34.476	27.725	6.14	30.7	2.17	78.4					2.26	1.03	7	345
101		408	-0.976	-0.988	34.516	27.761	6.09	30.9	2.17	80.6					2.20	1.08	6	403
101		468	-1.044	-1.058	34.514	27.762	6.11	30.8	2.16	80.4					2.22	1.06	5	463
101		558	-1.017	-1.035	34.518	27.764	6.09	30.9	2.17	80.6					2.22	1.06	4	552
101		660	-1.002	-1.023	34.519	27.764	6.07	30.8	2.16	80.7					2.23	1.01	3	652
101		711	-0.957	-0.981	34.523	27.766	6.05	30.7	2.18	81.2					2.21	1.01	2	702
101		744	-0.957	-0.982	34.526	27.769	6.03	30.8	2.18	81.1						0.99	1	735

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.020	-170.272	745	3	993	310	9	-1.		1219	10	FEB	1984	PS	84	2	101

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
101	2	0	-0.867	-0.867	1.01	1.01	34.242	27.534	29.918	32.275	36.909	54.2	0.000	1444.1	0
101	2	10	-0.870	-0.870	1.02	1.01	34.240	27.532	29.916	32.274	36.908	54.3	0.005	1444.2	9
101	2	20	-0.866	-0.867	1.03	1.01	34.239	27.531	29.915	32.273	36.907	54.3	0.011	1444.4	19
101	2	30	-0.865	-0.866	1.04	1.01	34.238	27.531	29.915	32.272	36.906	54.4	0.016	1444.6	29
101	2	40	-0.864	-0.865	1.04	1.02	34.238	27.531	29.915	32.272	36.906	54.4	0.022	1444.8	39
101	2	50	-0.867	-0.868	1.05	1.01	34.237	27.530	29.914	32.271	36.906	54.4	0.027	1444.9	49
101	2	60	-0.864	-0.866	1.06	1.02	34.243	27.535	29.919	32.276	36.910	53.9	0.033	1445.1	59
101	2	70	-0.932	-0.934	1.00	0.95	34.252	27.545	29.930	32.288	36.924	52.9	0.038	1444.9	69
101	2	80	-1.022	-1.024	0.92	0.86	34.265	27.559	29.945	32.304	36.943	51.5	0.043	1444.7	79
101	2	90	-1.051	-1.053	0.90	0.83	34.272	27.565	29.952	32.312	36.952	50.9	0.048	1444.7	89
101	2	100	-1.094	-1.097	0.86	0.79	34.278	27.572	29.959	32.320	36.961	50.2	0.053	1444.7	98
101	2	125	-1.101	-1.104	0.87	0.78	34.286	27.579	29.966	32.327	36.968	49.4	0.066	1445.1	123
101	2	150	-1.108	-1.112	0.89	0.77	34.312	27.600	29.987	32.348	36.989	47.3	0.078	1445.5	148
101	2	175	-1.099	-1.104	0.92	0.78	34.322	27.608	29.995	32.355	36.996	46.5	0.090	1446.0	173
101	2	200	-1.064	-1.069	0.97	0.82	34.332	27.615	30.001	32.361	37.001	45.8	0.101	1446.5	197
101	2	225	-0.997	-1.003	1.06	0.89	34.353	27.629	30.015	32.373	37.011	44.3	0.112	1447.3	222

Potential Temperature ($^{\circ}\text{C}$)

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.943	-170.077	1032	3	992	290	2	-1.		1329	10	FEB	1984	PS	84	1	102

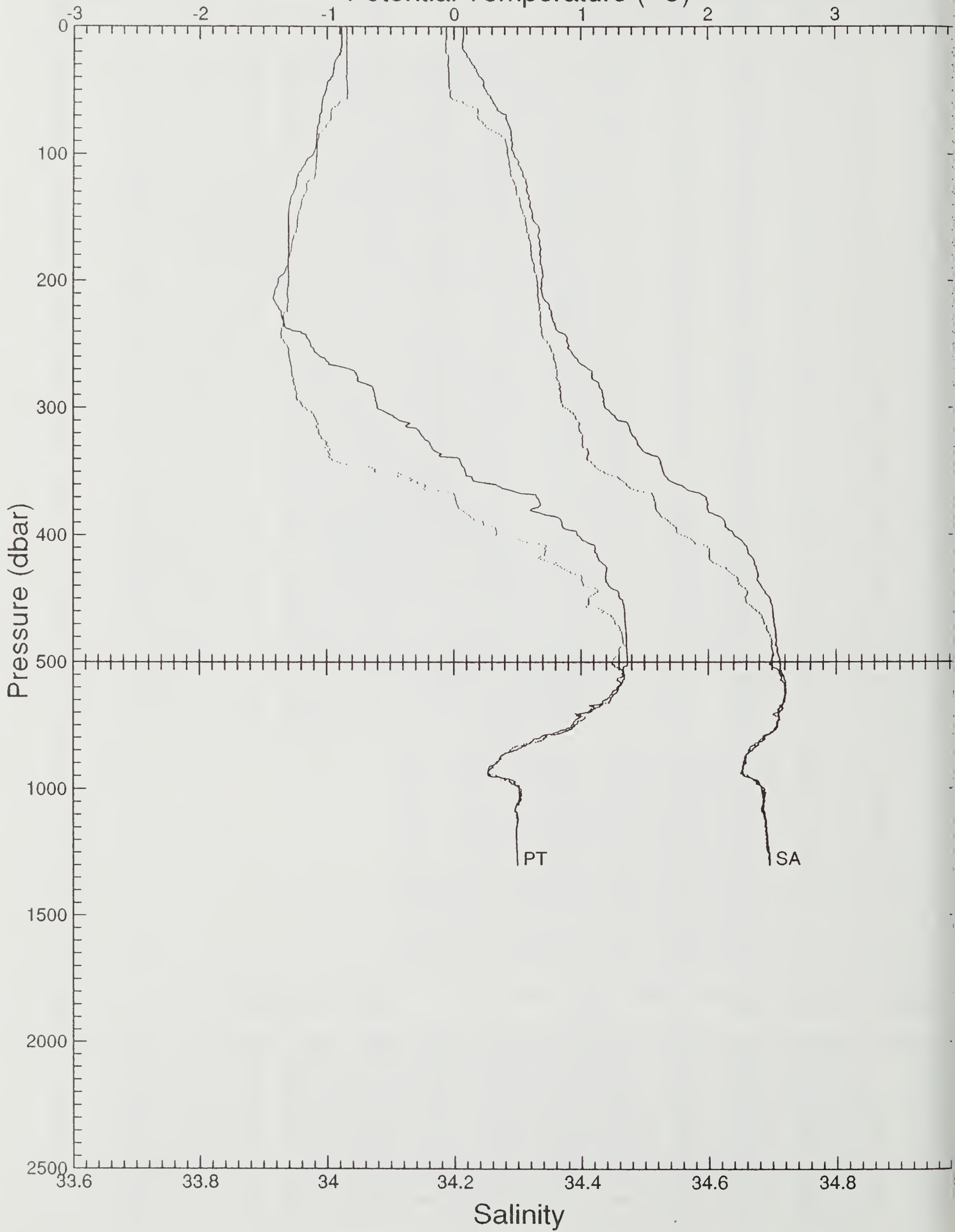
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
102	1	0	-0.870	-0.870	1.01	1.01	34.217	27.514	29.898	32.255	36.890	56.1	0.000	1444.0	0
102	1	10	-0.870	-0.870	1.02	1.01	34.216	27.513	29.897	32.254	36.889	56.1	0.006	1444.2	9
102	1	20	-0.872	-0.873	1.02	1.00	34.216	27.513	29.897	32.255	36.889	56.1	0.011	1444.4	19
102	1	30	-0.871	-0.872	1.03	1.01	34.215	27.512	29.896	32.254	36.888	56.1	0.017	1444.5	29
102	1	40	-0.869	-0.870	1.04	1.01	34.217	27.514	29.898	32.255	36.890	56.0	0.022	1444.7	39
102	1	50	-0.966	-0.967	0.95	0.91	34.233	27.531	29.916	32.275	36.912	54.3	0.028	1444.4	49
102	1	60	-1.161	-1.162	0.76	0.72	34.260	27.560	29.948	32.310	36.953	51.5	0.033	1443.7	59
102	1	70	-1.172	-1.174	0.76	0.71	34.267	27.566	29.954	32.316	36.959	50.9	0.038	1443.8	69
102	1	80	-1.195	-1.197	0.75	0.69	34.281	27.578	29.967	32.329	36.973	49.7	0.043	1443.9	79
102	1	90	-1.228	-1.230	0.72	0.65	34.293	27.589	29.978	32.341	36.986	48.6	0.048	1443.9	89
102	1	100	-1.300	-1.302	0.66	0.58	34.300	27.597	29.987	32.351	36.998	47.8	0.053	1443.8	98
102	1	125	-1.365	-1.368	0.61	0.52	34.309	27.606	29.998	32.362	37.011	46.7	0.065	1443.9	123
102	1	150	-1.405	-1.409	0.59	0.48	34.320	27.617	30.009	32.374	37.024	45.6	0.077	1444.1	148
102	1	175	-1.365	-1.369	0.65	0.52	34.337	27.629	30.021	32.385	37.034	44.3	0.088	1444.7	173
102	1	200	-1.294	-1.299	0.74	0.59	34.355	27.641	30.032	32.395	37.041	43.1	0.099	1445.5	197
102	1	225	-1.153	-1.159	0.90	0.73	34.378	27.655	30.043	32.404	37.046	41.8	0.109	1446.6	222
102	1	250	-1.137	-1.144	0.94	0.75	34.391	27.665	30.053	32.414	37.055	40.8	0.120	1447.1	247
102	1	275	-1.052	-1.060	1.04	0.84	34.410	27.677	30.064	32.423	37.062	39.6	0.130	1447.9	271
102	1	300	-0.593	-0.603	1.52	1.30	34.456	27.696	30.075	32.427	37.052	38.1	0.139	1450.5	296
102	1	325	-0.445	-0.456	1.69	1.45	34.478	27.707	30.084	32.434	37.054	37.2	0.149	1451.7	321
102	1	350	-0.534	-0.546	1.62	1.36	34.488	27.719	30.097	32.449	37.071	35.9	0.158	1451.7	345
102	1	375	-0.302	-0.315	1.88	1.59	34.523	27.737	30.111	32.459	37.075	34.4	0.167	1453.2	370
102	1	400	0.189	0.173	2.39	2.09	34.580	27.758	30.125	32.465	37.066	33.0	0.175	1456.0	395
102	1	425	0.485	0.467	2.71	2.39	34.621	27.774	30.136	32.472	37.064	31.8	0.183	1457.8	420
102	1	450	0.771	0.750	3.01	2.67	34.652	27.782	30.140	32.471	37.055	31.5	0.191	1459.5	444
102	1	475	0.553	0.532	2.81	2.46	34.641	27.786	30.148	32.482	37.072	30.8	0.199	1458.9	469
102	1	500	-0.038	-0.058	2.24	1.86	34.591	27.779	30.149	32.493	37.100	30.7	0.207	1456.6	494
102	1	550	0.510	0.486	2.83	2.41	34.653	27.799	30.161	32.496	37.087	29.7	0.222	1460.0	543
102	1	600	0.756	0.728	3.11	2.66	34.683	27.808	30.166	32.498	37.082	29.3	0.236	1462.0	592
102	1	650	0.728	0.697	3.12	2.63	34.678	27.806	30.165	32.497	37.082	29.5	0.251	1462.7	642
102	1	700	0.642	0.609	3.07	2.55	34.674	27.808	30.168	32.501	37.089	29.2	0.266	1463.1	691
102	1	750	0.487	0.453	2.96	2.39	34.663	27.809	30.171	32.507	37.099	28.9	0.280	1463.2	740
102	1	800	0.509	0.472	3.01	2.41	34.666	27.810	30.172	32.507	37.099	28.9	0.295	1464.1	789
102	1	850	0.657	0.616	3.20	2.56	34.685	27.817	30.176	32.510	37.097	28.7	0.309	1465.6	839
102	1	900	0.574	0.531	3.16	2.48	34.679	27.817	30.178	32.512	37.102	28.5	0.324	1466.1	888
102	1	950	0.580	0.534	3.20	2.48	34.682	27.819	30.180	32.515	37.104	28.4	0.338	1466.9	937
102	1	1000	0.474	0.426	3.13	2.38	34.670	27.816	30.179	32.515	37.107	28.5	0.352	1467.3	986
102	1	1037	0.466	0.416	3.15	2.37	34.669	27.816	30.179	32.515	37.108	28.5	0.363	1467.8	1023

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
102		11	-0.890	-0.890	34.228	27.523	8.28	22.8	1.59	58.2						2.13	12	11
102		154	-1.408	-1.412	34.332	27.626	6.68	28.7	2.06	67.4					3.04		11	153
102		257	-0.908	-0.916	34.413	27.674	6.13	30.4	2.13	74.2						1.15	10	254
102		346	-0.510	-0.522	34.507	27.734	5.82	31.0	2.18	81.5						0.94	9	342
102		422	0.277	0.260	34.608	27.776	5.09	31.5	2.21	90.3					1.08	0.53	8	417
102		499	0.642	0.620	34.642	27.782	4.89	31.6	2.23	94.7					.86	0.39	7	493
102		605	1.035	1.005	34.700	27.804	4.55	32.0	2.24	104.6						0.15	6	598
102		670	0.824	0.792	34.685	27.806	4.69	31.8	2.24	104.5					.52	0.21	5	662
102		767	0.551	0.515	34.673	27.813	4.83	31.8	2.23	105.9						0.27	4	758
102		831	0.738	0.697	34.694	27.819	4.69	31.9	2.23	112.1					.33	0.17	3	820
102		943	0.575	0.529	34.680	27.818	4.81	31.8	2.23	109.9						0.21	2	931
102		1039	0.471	0.421	34.668	27.815	4.88	31.8	2.23	108.6					.61	0.27	1	1025

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.930	-170.022	1032	3	991	290	4	-1.		1435	10	FEB	1984	PS	84	2	102

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
102	2	0	-0.888	-0.888	0.99	0.99	34.221	27.518	29.902	32.260	36.895	55.7	0.000	1444.0	0
102	2	10	-0.875	-0.875	1.01	1.00	34.222	27.518	29.902	32.260	36.894	55.7	0.006	1444.2	9
102	2	20	-0.883	-0.884	1.01	0.99	34.221	27.518	29.902	32.259	36.894	55.7	0.011	1444.3	19
102	2	30	-0.885	-0.886	1.01	0.99	34.221	27.518	29.902	32.259	36.895	55.6	0.017	1444.5	29
102	2	40	-0.885	-0.886	1.02	0.99	34.222	27.518	29.903	32.260	36.895	55.5	0.022	1444.6	39
102	2	50	-0.891	-0.892	1.02	0.99	34.224	27.520	29.905	32.262	36.898	55.3	0.028	1444.8	49
102	2	60	-1.031	-1.033	0.89	0.85	34.256	27.552	29.938	32.298	36.937	52.3	0.033	1444.3	59
102	2	70	-1.180	-1.182	0.75	0.70	34.266	27.565	29.954	32.316	36.959	50.9	0.038	1443.8	69
102	2	80	-1.201	-1.203	0.74	0.68	34.277	27.575	29.964	32.326	36.970	50.0	0.043	1443.9	79
102	2	90	-1.258	-1.260	0.69	0.62	34.285	27.583	29.973	32.336	36.982	49.1	0.048	1443.8	89

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.867	-169.863	1296	7	991	290	3	-1.		1539	10	FEB	1984	PS	84	1	103

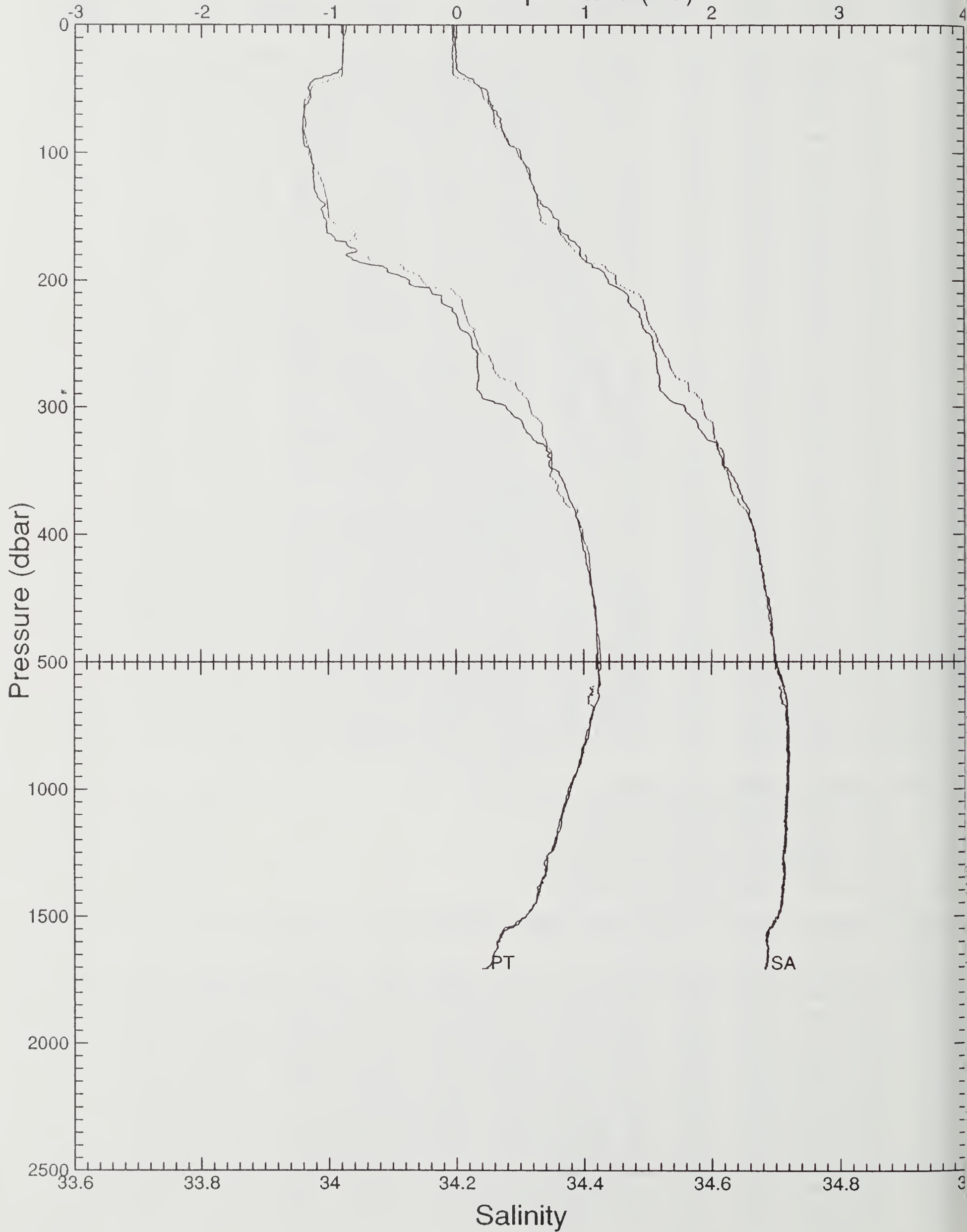
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
103	1	0	-0.886	-0.886	0.99	0.99	34.215	27.513	29.897	32.255	36.890	56.2	0.000	1444.0	0
103	1	10	-0.884	-0.884	1.00	0.99	34.214	27.512	29.896	32.254	36.889	56.2	0.006	1444.1	9
103	1	20	-0.893	-0.894	1.00	0.98	34.218	27.515	29.900	32.258	36.893	55.9	0.011	1444.3	19
103	1	30	-0.944	-0.945	0.96	0.93	34.230	27.527	29.912	32.271	36.908	54.7	0.017	1444.2	29
103	1	40	-0.969	-0.970	0.94	0.91	34.243	27.539	29.924	32.283	36.920	53.6	0.022	1444.3	39
103	1	50	-1.009	-1.010	0.91	0.87	34.251	27.547	29.933	32.292	36.931	52.8	0.028	1444.3	49
103	1	60	-1.037	-1.039	0.89	0.84	34.262	27.557	29.943	32.303	36.942	51.8	0.033	1444.3	59
103	1	70	-1.056	-1.058	0.88	0.82	34.283	27.574	29.961	32.321	36.961	50.1	0.038	1444.4	69
103	1	80	-1.073	-1.075	0.87	0.81	34.289	27.580	29.967	32.327	36.967	49.5	0.043	1444.5	79
103	1	90	-1.083	-1.085	0.87	0.80	34.292	27.583	29.970	32.330	36.971	49.2	0.048	1444.6	89
103	1	100	-1.104	-1.107	0.85	0.78	34.295	27.586	29.973	32.334	36.975	48.9	0.053	1444.7	98
103	1	125	-1.240	-1.243	0.74	0.64	34.316	27.608	29.997	32.360	37.005	46.6	0.065	1444.5	123
103	1	150	-1.297	-1.301	0.70	0.59	34.324	27.616	30.007	32.370	37.017	45.7	0.076	1444.6	148
103	1	175	-1.295	-1.299	0.72	0.59	34.338	27.628	30.018	32.381	37.028	44.5	0.087	1445.0	173
103	1	200	-1.373	-1.378	0.66	0.51	34.339	27.631	30.023	32.387	37.036	44.0	0.098	1445.1	197
103	1	225	-1.348	-1.354	0.71	0.54	34.354	27.642	30.033	32.398	37.046	42.9	0.109	1445.6	222
103	1	250	-1.119	-1.126	0.96	0.77	34.381	27.656	30.044	32.404	37.045	41.6	0.120	1447.2	247
103	1	275	-0.748	-0.756	1.35	1.14	34.418	27.672	30.053	32.408	37.038	40.3	0.130	1449.4	271
103	1	300	-0.592	-0.602	1.52	1.30	34.439	27.682	30.061	32.414	37.038	39.4	0.140	1450.5	296
103	1	325	-0.214	-0.226	1.92	1.68	34.488	27.704	30.077	32.424	37.037	37.7	0.150	1452.8	321
103	1	350	0.107	0.093	2.27	2.00	34.530	27.722	30.090	32.431	37.035	36.3	0.159	1454.7	345
103	1	375	0.700	0.683	2.88	2.60	34.600	27.744	30.103	32.436	37.022	34.8	0.168	1457.9	370
103	1	400	0.990	0.971	3.19	2.89	34.641	27.759	30.113	32.442	37.019	33.8	0.176	1459.7	395
103	1	425	1.217	1.196	3.44	3.12	34.676	27.772	30.123	32.448	37.019	32.9	0.185	1461.1	420
103	1	450	1.328	1.305	3.57	3.23	34.697	27.781	30.131	32.454	37.022	32.3	0.193	1462.1	444
103	1	475	1.379	1.355	3.64	3.28	34.705	27.784	30.133	32.455	37.022	32.2	0.201	1462.7	469
103	1	500	1.390	1.364	3.67	3.30	34.712	27.789	30.138	32.460	37.026	31.8	0.209	1463.2	494
103	1	550	1.371	1.343	3.69	3.28	34.718	27.795	30.144	32.467	37.033	31.4	0.225	1463.9	543
103	1	600	1.313	1.282	3.67	3.22	34.721	27.802	30.152	32.475	37.044	30.8	0.240	1464.5	592
103	1	650	1.221	1.188	3.62	3.13	34.718	27.806	30.157	32.482	37.053	30.4	0.256	1464.9	642
103	1	700	1.065	1.030	3.50	2.97	34.711	27.811	30.165	32.492	37.067	29.8	0.271	1465.0	691
103	1	750	0.956	0.919	3.43	2.86	34.708	27.816	30.171	32.500	37.079	29.2	0.285	1465.4	740
103	1	800	0.714	0.675	3.22	2.62	34.686	27.814	30.173	32.505	37.091	29.0	0.300	1465.1	789
103	1	850	0.509	0.469	3.05	2.41	34.669	27.813	30.175	32.510	37.102	28.7	0.314	1464.9	839
103	1	900	0.380	0.338	2.96	2.28	34.659	27.812	30.176	32.514	37.109	28.5	0.329	1465.2	888
103	1	950	0.317	0.273	2.94	2.22	34.656	27.814	30.179	32.517	37.114	28.2	0.343	1465.7	937
103	1	1000	0.578	0.529	3.23	2.48	34.687	27.824	30.185	32.519	37.109	28.1	0.357	1467.8	986
103	1	1100	0.552	0.497	3.29	2.46	34.688	27.826	30.188	32.523	37.113	27.9	0.385	1469.3	1085
103	1	1200	0.554	0.493	3.36	2.46	34.692	27.830	30.191	32.526	37.117	27.7	0.413	1471.0	1183
103	1	1300	0.566	0.499	3.45	2.47	34.696	27.833	30.194	32.529	37.119	27.6	0.440	1472.7	1282

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
103		216	-1.296	-1.301	34.339	27.629	6.93								3.02	1.59	10	214
103		470	1.296	1.272	34.690	27.778	4.34								.34	0.17	9	464
103		573	1.316	1.287	34.716	27.798	4.32								.16	0.07	8	566
103		936	0.309	0.266	34.649	27.808	5.03								.82	0.39	6	924
103		1017	0.561	0.511	34.682	27.821	4.79								.43	0.21	4	1004
103		1301	0.565	0.498	34.691	27.829	4.78								.32	0.16	2	1284

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.868	-169.862	1296	7	991	280	3	-1.		1633	10	FEB	1984	PS	84	2	103

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
103	2	0	-0.846	-0.846	1.03	1.03	34.188	27.489	29.873	32.230	36.864	58.4	0.000	1444.1	0
103	2	10	-0.846	-0.846	1.04	1.03	34.188	27.489	29.873	32.230	36.865	58.4	0.006	1444.3	9
103	2	20	-0.845	-0.846	1.05	1.03	34.187	27.488	29.872	32.229	36.864	58.4	0.012	1444.4	19
103	2	30	-0.843	-0.844	1.05	1.03	34.190	27.491	29.875	32.232	36.866	58.2	0.018	1444.6	29
103	2	40	-0.848	-0.849	1.06	1.03	34.192	27.493	29.877	32.234	36.868	58.0	0.023	1444.8	39
103	2	50	-0.839	-0.840	1.07	1.04	34.195	27.495	29.879	32.235	36.869	57.7	0.029	1445.0	49
103	2	60	-0.902	-0.904	1.02	0.97	34.215	27.513	29.898	32.256	36.892	55.9	0.035	1444.9	59
103	2	70	-0.965	-0.967	0.97	0.91	34.237	27.534	29.919	32.278	36.915	53.9	0.040	1444.8	69
103	2	80	-1.016	-1.018	0.92	0.86	34.254	27.549	29.936	32.295	36.934	52.4	0.046	1444.7	79
103	2	90	-1.070	-1.072	0.88	0.81	34.282	27.574	29.961	32.321	36.961	50.0	0.051	1444.7	89
103	2	100	-1.076	-1.079	0.88	0.80	34.285	27.577	29.964	32.324	36.964	49.7	0.056	1444.8	98
103	2	125	-1.154	-1.157	0.82	0.73	34.298	27.590	29.978	32.340	36.982	48.3	0.068	1444.8	123
103	2	150	-1.225	-1.229	0.77	0.66	34.314	27.606	29.995	32.357	37.002	46.7	0.080	1444.9	148
103	2	175	-1.274	-1.278	0.74	0.61	34.321	27.613	30.003	32.366	37.012	45.9	0.091	1445.1	173

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.717	-169.483	1697	5	990	360	3	0.		1825	10	FEB	1984	PS	84	1	104

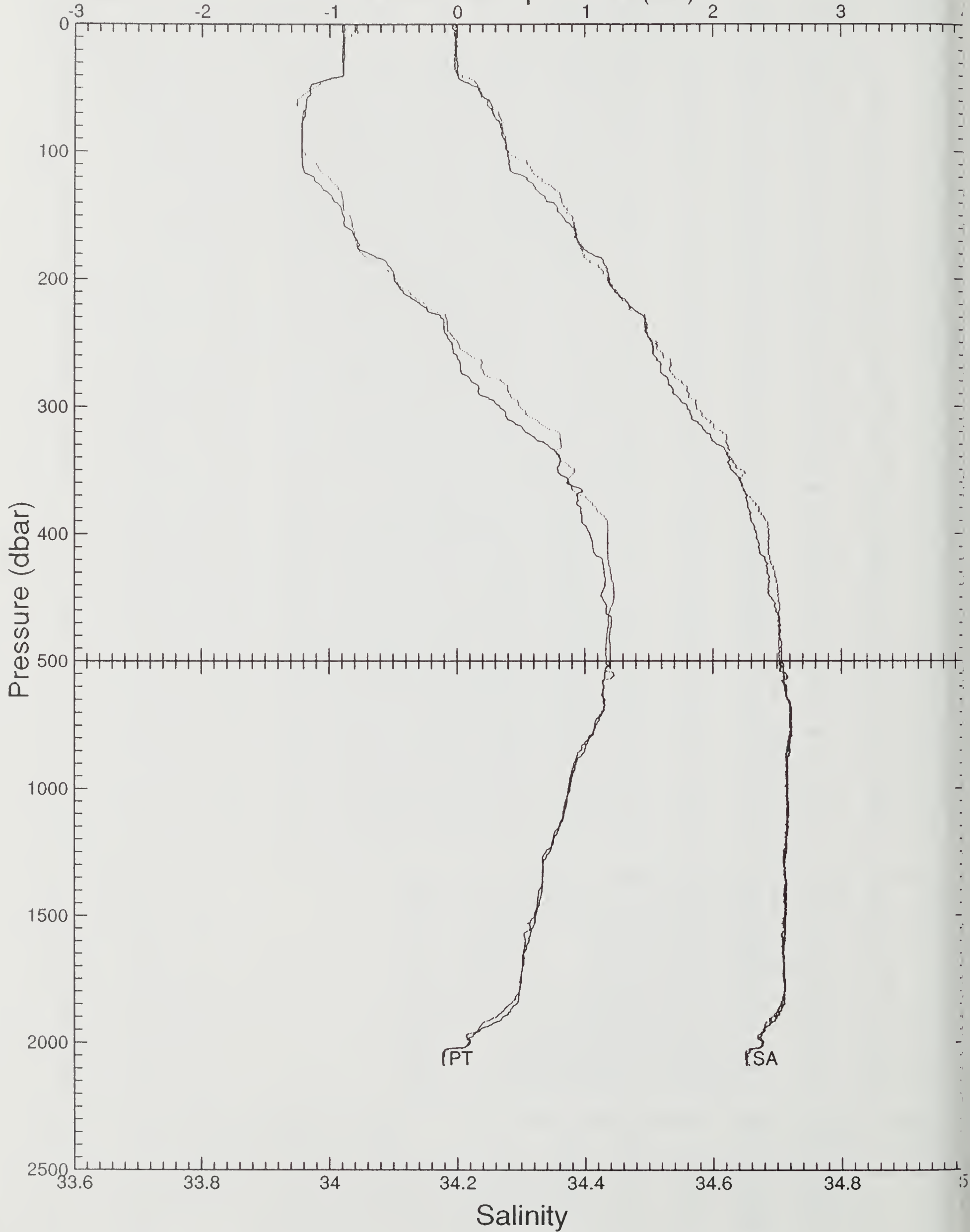
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
104	1	0	-0.890	-0.890	0.99	0.99	34.196	27.498	29.882	32.240	36.875	57.6	0.000	1443.9	0
104	1	10	-0.887	-0.887	1.00	0.99	34.198	27.499	29.884	32.241	36.877	57.5	0.006	1444.1	9
104	1	20	-0.889	-0.890	1.00	0.99	34.199	27.500	29.884	32.242	36.878	57.3	0.012	1444.3	19
104	1	30	-0.893	-0.894	1.01	0.98	34.201	27.502	29.886	32.244	36.880	57.1	0.017	1444.4	29
104	1	40	-1.046	-1.047	0.86	0.83	34.215	27.519	29.906	32.266	36.906	55.4	0.023	1443.9	39
104	1	50	-1.158	-1.159	0.76	0.72	34.246	27.548	29.937	32.298	36.941	52.6	0.028	1443.5	49
104	1	60	-1.157	-1.158	0.77	0.72	34.253	27.554	29.942	32.304	36.947	52.0	0.034	1443.7	59
104	1	70	-1.194	-1.196	0.74	0.69	34.264	27.564	29.953	32.315	36.959	51.0	0.039	1443.7	69
104	1	80	-1.201	-1.203	0.74	0.68	34.270	27.569	29.958	32.320	36.965	50.5	0.044	1443.9	79
104	1	90	-1.195	-1.197	0.75	0.69	34.282	27.579	29.968	32.330	36.974	49.6	0.049	1444.1	89
104	1	100	-1.135	-1.138	0.82	0.75	34.300	27.591	29.979	32.340	36.982	48.4	0.054	1444.5	98
104	1	125	-1.110	-1.113	0.87	0.77	34.319	27.606	29.993	32.354	36.995	46.9	0.066	1445.1	123
104	1	150	-1.035	-1.039	0.96	0.85	34.353	27.630	30.017	32.376	37.015	44.5	0.077	1445.9	148
104	1	175	-0.787	-0.792	1.23	1.10	34.395	27.655	30.037	32.392	37.023	42.2	0.088	1447.5	173
104	1	200	-0.355	-0.362	1.69	1.53	34.439	27.671	30.047	32.395	37.013	40.8	0.098	1450.0	197
104	1	225	-0.015	-0.023	2.05	1.88	34.486	27.693	30.063	32.406	37.013	39.0	0.108	1452.0	222
104	1	250	0.136	0.126	2.22	2.03	34.509	27.703	30.071	32.412	37.015	38.1	0.118	1453.2	247
104	1	275	0.192	0.181	2.29	2.09	34.519	27.708	30.075	32.415	37.016	37.7	0.127	1453.9	271
104	1	300	0.408	0.396	2.53	2.31	34.558	27.728	30.091	32.428	37.023	36.0	0.136	1455.3	296
104	1	325	0.617	0.603	2.76	2.52	34.593	27.743	30.104	32.437	37.026	34.8	0.145	1456.7	321
104	1	350	0.807	0.791	2.97	2.71	34.628	27.760	30.117	32.448	37.031	33.4	0.154	1458.0	345
104	1	375	0.916	0.899	3.10	2.82	34.651	27.772	30.127	32.456	37.036	32.5	0.162	1458.9	370
104	1	400	1.000	0.981	3.20	2.90	34.668	27.780	30.134	32.462	37.039	31.9	0.170	1459.8	395
104	1	425	1.050	1.030	3.27	2.95	34.680	27.786	30.140	32.467	37.043	31.4	0.178	1460.4	420
104	1	450	1.098	1.076	3.34	3.00	34.690	27.791	30.144	32.471	37.045	31.0	0.186	1461.0	444
104	1	475	1.125	1.102	3.39	3.03	34.694	27.793	30.145	32.471	37.045	31.0	0.194	1461.6	469
104	1	500	1.137	1.112	3.42	3.04	34.699	27.796	30.148	32.474	37.048	30.8	0.201	1462.1	494
104	1	550	1.143	1.116	3.46	3.05	34.708	27.803	30.155	32.481	37.054	30.3	0.217	1462.9	543
104	1	600	1.151	1.121	3.51	3.06	34.714	27.807	30.160	32.485	37.058	30.0	0.232	1463.8	592
104	1	650	1.147	1.114	3.54	3.05	34.718	27.811	30.163	32.489	37.062	29.8	0.247	1464.6	642
104	1	700	1.107	1.071	3.54	3.01	34.719	27.815	30.168	32.494	37.068	29.5	0.261	1465.2	691
104	1	750	1.089	1.051	3.56	3.00	34.721	27.818	30.171	32.498	37.072	29.4	0.276	1466.0	740
104	1	800	1.075	1.034	3.58	2.98	34.721	27.819	30.172	32.499	37.075	29.3	0.291	1466.7	789
104	1	850	1.041	0.997	3.59	2.95	34.721	27.821	30.175	32.503	37.079	29.2	0.305	1467.4	839
104	1	900	1.022	0.975	3.61	2.93	34.720	27.822	30.176	32.504	37.081	29.2	0.320	1468.2	888
104	1	950	0.984	0.935	3.61	2.89	34.721	27.826	30.180	32.509	37.087	28.9	0.335	1468.8	937
104	1	1000	0.948	0.896	3.61	2.85	34.720	27.827	30.183	32.512	37.091	28.8	0.349	1469.5	986
104	1	1100	0.891	0.833	3.63	2.80	34.717	27.829	30.185	32.515	37.096	28.7	0.378	1470.9	1085
104	1	1200	0.850	0.787	3.66	2.76	34.715	27.830	30.187	32.518	37.100	28.6	0.406	1472.4	1183
104	1	1300	0.759	0.690	3.64	2.67	34.711	27.833	30.192	32.524	37.109	28.2	0.435	1473.6	1282
104	1	1400	0.713	0.638	3.67	2.62	34.710	27.836	30.195	32.528	37.114	28.0	0.463	1475.1	1380
104	1	1500	0.625	0.545	3.66	2.53	34.702	27.835	30.195	32.530	37.119	27.9	0.491	1476.3	1478
104	1	1600	0.400	0.316	3.51	2.30	34.685	27.835	30.199	32.536	37.132	27.1	0.518	1476.9	1577
104	1	1700	0.336	0.246	3.52	2.24	34.682	27.836	30.201	32.540	37.138	26.7	0.545	1478.3	1675
104	1	1708	0.310	0.220	3.50	2.21	34.683	27.838	30.204	32.543	37.142	26.4	0.547	1478.3	1683

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
104	4	12	-0.887	-0.887	34.201	27.501	6.11	23.2	1.59	56.6						2.08	12	12
104		93	-1.170	-1.172	34.290	27.584	6.59	27.7	1.94	64.4					3.42	1.79	11	92
104	4	195	-0.322	-0.329	34.450	27.679	4.60	30.8	2.11	76.5					3.26	1.00	10	193
104		275	0.343	0.332	34.546	27.722		31.5	2.15	83.8						0.60	9	272
104		427	1.075	1.054	34.685	27.789		32.0	2.17	97.4					1.22	0.20	8	422
104		609	1.104	1.074	34.711	27.808	4.40	32.2	2.18	106.2					.97	0.14	7	602
104		811	1.053	1.011	34.721	27.820		32.2	2.18	112.5						0.04	6	801
104		1015	0.931	0.878	34.717	27.826	4.29	32.2	2.18	117.8					.59	0.04	5	1002
104		1212	0.835	0.771	34.714	27.830	4.58	32.1	2.18	120.8					.97	0.02	4	1196
104		1420	0.719	0.643	34.709	27.834	4.65	32.1	2.18	123.2					.38	0.04	3	1401
104	1	1582	0.439	0.355	34.687	27.834	4.88	32.0	2.17	118.6						0.21	2	1560
104		1709	0.291	0.201	34.677	27.835	4.96	32.0	2.17	118.9					.69	0.20	1	1684

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.717	-169.483	1697	5	990	360	3	2.		1954	10	FEB	1984	PS	84	2	104

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
104	2	0	-0.866	-0.866	1.01	1.01	34.194	27.495	29.879	32.236	36.871	57.9	0.000	1444.0	0
104	2	10	-0.885	-0.885	1.00	0.99	34.194	27.496	29.880	32.238	36.873	57.8	0.006	1444.1	9
104	2	20	-0.889	-0.890	1.00	0.99	34.194	27.496	29.880	32.238	36.874	57.7	0.012	1444.3	19

Potential Temperature ($^{\circ}\text{C}$)



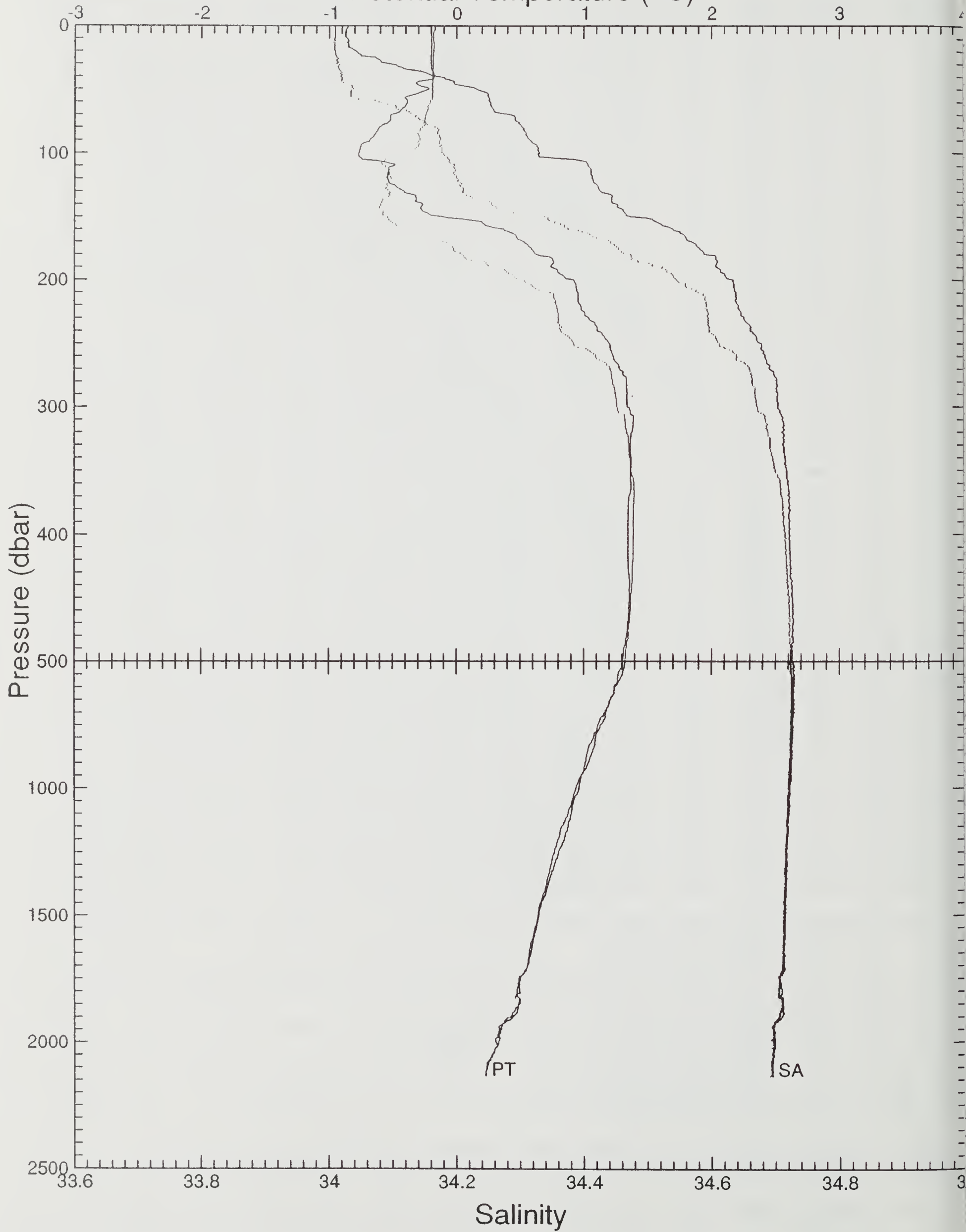
LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-75.563 -169.185 2090 3 991 90 2 3. 2140 10 FEB 1984 PS 84 1 105

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
105	1	0	-0.884	-0.884	0.99	0.99	34.194	27.496	29.880	32.238	36.873	57.8	0.000	1444.0	0
105	1	10	-0.892	-0.892	0.99	0.98	34.200	27.501	29.885	32.243	36.879	57.3	0.006	1444.1	9
105	1	20	-0.897	-0.898	0.99	0.98	34.199	27.500	29.885	32.243	36.878	57.3	0.012	1444.2	19
105	1	30	-0.895	-0.896	1.00	0.98	34.201	27.502	29.886	32.244	36.880	57.1	0.017	1444.4	29
105	1	40	-0.892	-0.893	1.02	0.98	34.201	27.502	29.886	32.244	36.879	57.1	0.023	1444.6	39
105	1	50	-1.154	-1.155	0.76	0.73	34.236	27.540	29.928	32.290	36.933	53.4	0.028	1443.5	49
105	1	60	-1.178	-1.179	0.75	0.70	34.251	27.553	29.942	32.304	36.947	52.1	0.034	1443.6	59
105	1	70	-1.188	-1.190	0.74	0.69	34.256	27.557	29.946	32.308	36.952	51.7	0.039	1443.7	69
105	1	80	-1.216	-1.218	0.73	0.66	34.268	27.568	29.957	32.320	36.965	50.6	0.044	1443.8	79
105	1	90	-1.213	-1.215	0.73	0.67	34.273	27.572	29.961	32.324	36.968	50.2	0.049	1444.0	89
105	1	100	-1.214	-1.216	0.74	0.67	34.279	27.577	29.966	32.328	36.973	49.7	0.054	1444.1	98
105	1	125	-1.079	-1.082	0.90	0.80	34.319	27.605	29.992	32.352	36.992	47.0	0.066	1445.2	123
105	1	150	-0.886	-0.890	1.11	1.00	34.365	27.634	30.018	32.375	37.009	44.2	0.078	1446.6	148
105	1	175	-0.773	-0.778	1.25	1.11	34.398	27.657	30.039	32.394	37.024	42.1	0.088	1447.6	173
105	1	200	-0.486	-0.492	1.55	1.40	34.440	27.678	30.056	32.406	37.028	40.1	0.099	1449.4	197
105	1	225	-0.223	-0.231	1.84	1.67	34.480	27.698	30.071	32.418	37.031	38.4	0.108	1451.1	222
105	1	250	-0.029	-0.038	2.05	1.86	34.507	27.710	30.080	32.424	37.032	37.3	0.118	1452.4	247
105	1	275	0.074	0.064	2.18	1.97	34.523	27.718	30.086	32.428	37.033	36.7	0.127	1453.3	271
105	1	300	0.350	0.338	2.47	2.25	34.561	27.733	30.098	32.435	37.032	35.5	0.136	1455.0	296
105	1	325	0.627	0.613	2.77	2.53	34.598	27.747	30.107	32.441	37.029	34.4	0.145	1456.8	321
105	1	350	0.806	0.790	2.97	2.71	34.629	27.761	30.118	32.449	37.032	33.3	0.153	1458.0	345
105	1	375	0.957	0.940	3.14	2.86	34.654	27.771	30.126	32.455	37.033	32.6	0.162	1459.1	370
105	1	400	1.062	1.043	3.27	2.96	34.669	27.777	30.130	32.457	37.033	32.2	0.170	1460.0	395
105	1	425	1.168	1.147	3.39	3.07	34.683	27.781	30.133	32.458	37.031	32.0	0.178	1460.9	420
105	1	450	1.162	1.140	3.40	3.07	34.692	27.788	30.141	32.466	37.039	31.4	0.186	1461.3	444
105	1	475	1.222	1.198	3.48	3.13	34.705	27.795	30.146	32.471	37.041	30.9	0.193	1462.0	469
105	1	500	1.222	1.197	3.50	3.13	34.707	27.797	30.148	32.472	37.043	30.8	0.201	1462.4	494
105	1	550	1.184	1.156	3.50	3.09	34.710	27.802	30.154	32.479	37.051	30.5	0.216	1463.1	543
105	1	600	1.176	1.146	3.53	3.08	34.715	27.807	30.158	32.484	37.056	30.1	0.232	1463.9	592
105	1	650	1.177	1.144	3.57	3.08	34.718	27.809	30.161	32.486	37.059	30.1	0.247	1464.7	642
105	1	700	1.173	1.137	3.61	3.08	34.722	27.813	30.165	32.490	37.063	29.8	0.262	1465.5	691
105	1	750	1.123	1.085	3.59	3.03	34.723	27.817	30.170	32.496	37.070	29.5	0.276	1466.1	740
105	1	800	1.078	1.037	3.59	2.98	34.721	27.819	30.172	32.499	37.074	29.4	0.291	1466.8	789
105	1	850	1.043	0.999	3.59	2.95	34.721	27.821	30.175	32.503	37.079	29.2	0.306	1467.4	839
105	1	900	0.973	0.927	3.56	2.88	34.716	27.822	30.177	32.506	37.084	29.1	0.320	1467.9	888
105	1	950	0.948	0.899	3.57	2.85	34.717	27.825	30.180	32.509	37.088	28.9	0.335	1468.6	937
105	1	1000	0.932	0.880	3.59	2.84	34.717	27.826	30.182	32.511	37.090	28.8	0.349	1469.4	986
105	1	1100	0.893	0.835	3.63	2.80	34.718	27.830	30.186	32.516	37.097	28.6	0.378	1470.9	1085
105	1	1200	0.816	0.753	3.63	2.72	34.715	27.832	30.190	32.521	37.104	28.3	0.407	1472.2	1183
105	1	1300	0.737	0.668	3.62	2.64	34.710	27.834	30.193	32.525	37.110	28.1	0.435	1473.5	1282
105	1	1400	0.736	0.661	3.70	2.64	34.715	27.838	30.197	32.529	37.115	27.9	0.463	1475.2	1380
105	1	1500	0.693	0.612	3.73	2.60	34.713	27.840	30.199	32.532	37.120	27.7	0.491	1476.6	1478
105	1	1600	0.646	0.559	3.76	2.55	34.711	27.841	30.202	32.536	37.124	27.6	0.518	1478.1	1577
105	1	1700	0.603	0.509	3.79	2.51	34.710	27.843	30.205	32.539	37.129	27.3	0.546	1479.6	1675
105	1	1800	0.584	0.484	3.85	2.49	34.711	27.846	30.207	32.542	37.133	27.1	0.573	1481.2	1773
105	1	1900	0.458	0.352	3.79	2.36	34.699	27.844	30.207	32.544	37.139	26.8	0.600	1482.3	1871
105	1	2000	0.206	0.097	3.62	2.11	34.676	27.840	30.207	32.548	37.150	25.9	0.626	1482.8	1969
105	1	2087	0.000	-0.112	3.47	1.90	34.652	27.831	30.202	32.546	37.154	25.5	0.649	1483.3	2054

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
105		5	-0.780	-0.780	34.214	27.508		23.1	1.62	54.9			2136	2315		2.68	12	5
105		5	-0.780	-0.780	34.214	27.508					283	274					11	5
105		101	-1.189	-1.192	34.292	27.587	6.92	27.9	2.02	63.7	431	409	2185	2301	3.20	1.49	10	99
105		509	1.189	1.164	34.717	27.807	4.49	31.8	2.23	101.3			2241	2343	0.24	0.13	8	503
105		509	1.189	1.164	34.712	27.803					490	515					7	503
105		812	1.053	1.011	34.722	27.821	4.46	32.2	2.25	112.6			2246	2352	0.15	0.09	6	802
105	1	813	1.044	1.002	34.716	27.817					479	501					5	803
105		1974	0.178	0.071	34.666	27.833	5.09	32.2	2.32	117.2			2256	2370	0.81	0.29	4	1944
105		1974	0.178	0.071	34.669	27.835					465	468					3	1945
105		2087	0.009	-0.103	34.652	27.831	5.19	32.2	2.26	115.1			2238	2351		0.38	2	2055
105		2087	0.009	-0.103	34.654	27.832					463	463					1	2055

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-75.557 -169.208 2090 3 991 130 1 4. 2319 10 FEB 1984 PS 84 2 105

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
105	2	0	-0.786	-0.786	1.09	1.09	34.198	27.495	29.878	32.234	36.866	57.9	0.000	1444.4	0

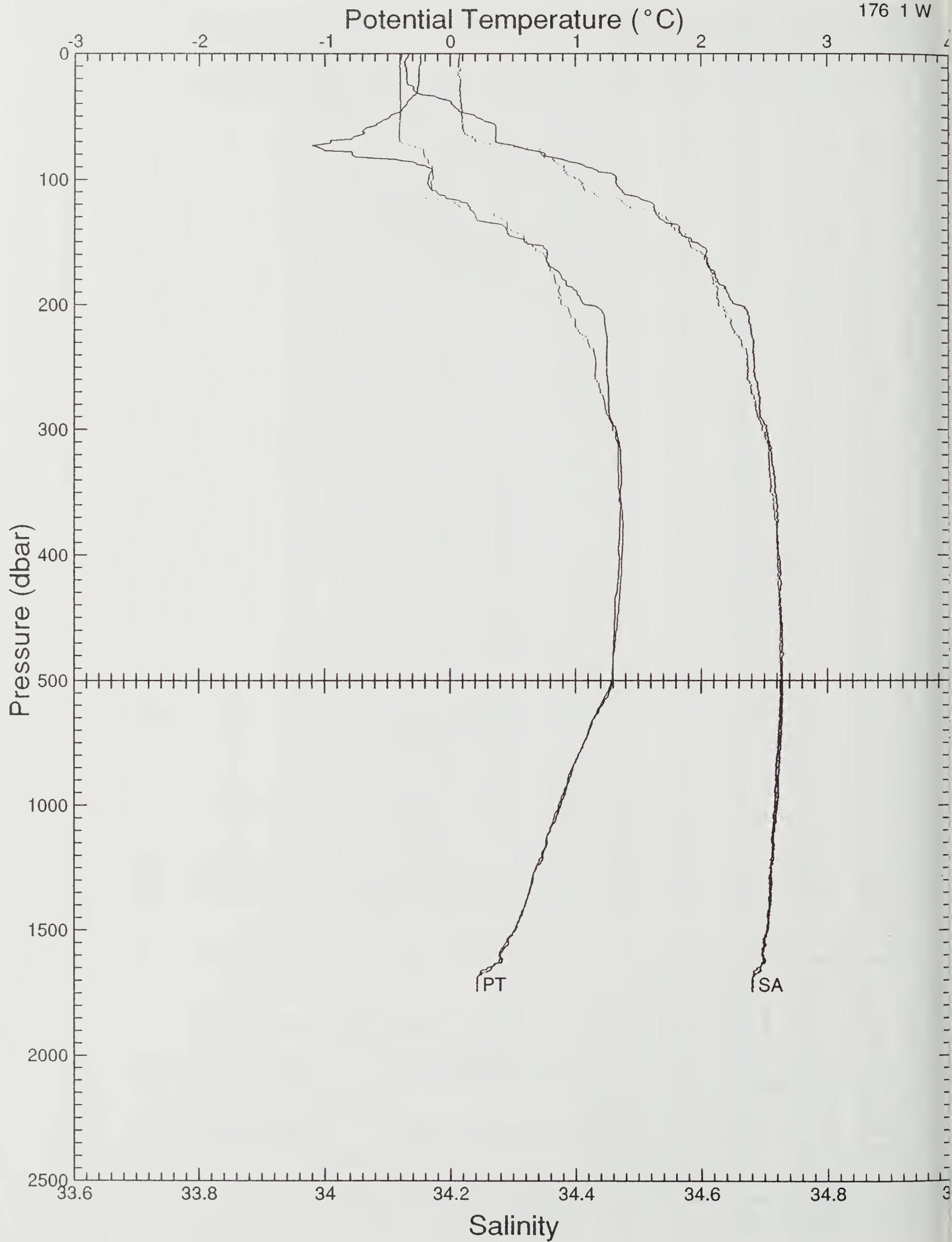
Potential Temperature ($^{\circ}\text{C}$)

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-74.833	-175.545	2126	14	995	90	10	-1.		0748	11	FEB	1984	PS	84	1	106

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
106	1	0	-0.197	-0.197	1.67	1.67	34.029	27.332	29.707	32.055	36.671	73.3	0.000	1446.9	0
106	1	10	-0.198	-0.198	1.68	1.67	34.028	27.331	29.706	32.054	36.670	73.4	0.007	1447.1	9
106	1	20	-0.198	-0.199	1.68	1.67	34.042	27.343	29.717	32.065	36.682	72.3	0.015	1447.3	19
106	1	30	-0.199	-0.200	1.69	1.67	34.094	27.385	29.759	32.107	36.723	68.3	0.022	1447.5	29
106	1	40	-0.172	-0.173	1.73	1.70	34.170	27.445	29.819	32.166	36.780	62.6	0.028	1447.9	39
106	1	50	-0.215	-0.217	1.70	1.66	34.231	27.496	29.870	32.218	36.833	57.7	0.034	1447.9	49
106	1	60	-0.386	-0.388	1.54	1.49	34.252	27.521	29.898	32.248	36.868	55.2	0.040	1447.3	59
106	1	70	-0.508	-0.510	1.43	1.37	34.283	27.552	29.930	32.282	36.905	52.3	0.045	1447.0	69
106	1	80	-0.604	-0.606	1.34	1.28	34.303	27.572	29.952	32.305	36.931	50.3	0.050	1446.7	79
106	1	90	-0.678	-0.681	1.27	1.21	34.316	27.586	29.967	32.321	36.949	49.0	0.055	1446.5	89
106	1	100	-0.764	-0.767	1.20	1.12	34.331	27.602	29.984	32.339	36.970	47.4	0.060	1446.3	98
106	1	125	-0.478	-0.482	1.51	1.41	34.421	27.662	30.040	32.390	37.012	41.8	0.071	1448.2	123
106	1	150	-0.108	-0.113	1.90	1.78	34.474	27.687	30.059	32.404	37.014	39.5	0.081	1450.4	148
106	1	175	0.599	0.592	2.63	2.50	34.582	27.735	30.096	32.430	37.019	35.3	0.091	1454.2	173
106	1	200	0.931	0.922	2.98	2.83	34.635	27.757	30.113	32.442	37.021	33.5	0.099	1456.1	197
106	1	225	1.016	1.006	3.09	2.92	34.647	27.761	30.115	32.443	37.020	33.2	0.108	1456.9	222
106	1	250	1.219	1.207	3.31	3.12	34.679	27.773	30.125	32.449	37.020	32.3	0.116	1458.3	247
106	1	275	1.326	1.313	3.44	3.23	34.699	27.782	30.132	32.455	37.022	31.6	0.124	1459.2	271
106	1	300	1.357	1.342	3.49	3.26	34.704	27.784	30.133	32.456	37.023	31.5	0.132	1459.8	296
106	1	325	1.386	1.370	3.54	3.29	34.713	27.789	30.138	32.460	37.026	31.1	0.140	1460.3	321
106	1	350	1.385	1.368	3.55	3.29	34.718	27.793	30.142	32.464	37.030	30.8	0.147	1460.7	345
106	1	375	1.370	1.351	3.56	3.28	34.722	27.798	30.147	32.469	37.036	30.5	0.155	1461.1	370
106	1	400	1.369	1.349	3.58	3.27	34.722	27.798	30.147	32.469	37.036	30.6	0.163	1461.5	395
106	1	425	1.371	1.350	3.60	3.28	34.724	27.800	30.148	32.471	37.037	30.5	0.170	1461.9	420
106	1	450	1.381	1.358	3.63	3.29	34.727	27.801	30.150	32.472	37.039	30.4	0.178	1462.4	444
106	1	475	1.367	1.343	3.63	3.27	34.728	27.803	30.152	32.475	37.041	30.3	0.186	1462.7	469
106	1	500	1.328	1.303	3.61	3.24	34.727	27.805	30.155	32.478	37.046	30.2	0.193	1462.9	494
106	1	550	1.297	1.269	3.62	3.20	34.730	27.810	30.160	32.484	37.052	29.8	0.208	1463.6	543
106	1	600	1.270	1.239	3.63	3.18	34.728	27.811	30.161	32.485	37.054	29.9	0.223	1464.3	592
106	1	650	1.239	1.206	3.63	3.15	34.730	27.814	30.165	32.490	37.060	29.7	0.238	1465.0	642
106	1	700	1.198	1.162	3.63	3.10	34.728	27.816	30.167	32.493	37.064	29.6	0.253	1465.7	691
106	1	750	1.149	1.110	3.62	3.06	34.727	27.819	30.171	32.497	37.070	29.4	0.268	1466.3	740
106	1	800	1.117	1.076	3.63	3.02	34.727	27.821	30.174	32.500	37.074	29.3	0.282	1466.9	789
106	1	850	1.075	1.031	3.62	2.98	34.726	27.823	30.177	32.504	37.079	29.1	0.297	1467.6	839
106	1	900	1.057	1.010	3.64	2.96	34.725	27.824	30.178	32.505	37.081	29.1	0.311	1468.3	888
106	1	950	1.026	0.976	3.65	2.93	34.725	27.826	30.180	32.508	37.085	29.0	0.326	1469.0	937
106	1	1000	0.990	0.938	3.65	2.90	34.722	27.826	30.181	32.509	37.087	29.0	0.340	1469.7	987
106	1	1100	0.933	0.875	3.67	2.84	34.721	27.829	30.185	32.514	37.094	28.7	0.369	1471.1	1085
106	1	1200	0.860	0.796	3.67	2.77	34.718	27.832	30.189	32.519	37.101	28.5	0.398	1472.4	1183
106	1	1300	0.809	0.740	3.69	2.71	34.718	27.836	30.193	32.525	37.108	28.2	0.426	1473.8	1282
106	1	1400	0.770	0.694	3.73	2.68	34.716	27.837	30.195	32.527	37.112	28.1	0.454	1475.3	1380
106	1	1500	0.721	0.639	3.76	2.63	34.714	27.839	30.198	32.531	37.117	27.9	0.482	1476.8	1478
106	1	1600	0.679	0.591	3.79	2.58	34.712	27.840	30.200	32.533	37.121	27.8	0.510	1478.2	1577
106	1	1700	0.652	0.558	3.84	2.56	34.713	27.843	30.203	32.537	37.126	27.6	0.538	1479.8	1675
106	1	1800	0.596	0.495	3.86	2.50	34.710	27.844	30.206	32.540	37.131	27.3	0.565	1481.2	1773
106	1	1900	0.548	0.441	3.88	2.45	34.709	27.847	30.209	32.544	37.137	27.0	0.593	1482.7	1871
106	1	2000	0.421	0.309	3.83	2.33	34.696	27.844	30.208	32.546	37.142	26.7	0.619	1483.8	1969
106	1	2100	0.359	0.240	3.85	2.26	34.694	27.846	30.211	32.550	37.148	26.2	0.646	1485.2	2067
106	1	2134	0.351	0.230	3.86	2.26	34.695	27.847	30.213	32.552	37.150	26.1	0.655	1485.7	2100

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
106		129	-0.536	-0.540	34.204	27.489	7.05	26.6	1.94	64.1			2165	2304		1.65	12	127
106	1	130	-0.520	-0.524	34.210	27.494					364	357					11	128
106	1	306	1.334	1.319	34.682	27.768					505	534					9	303
106		309	1.339	1.324	34.683	27.768	4.33	32.0	2.28	95.0			2245	2343	0.32	0.17	10	305
106	1	812	1.133	1.091	34.724	27.818					489	513					7	802
106		813	1.133	1.091	34.728	27.821	4.40	32.0	2.27	113.5			2245	2350	0.04	0.02	8	803
106		1324	0.818	0.747	34.720	27.837	4.64	31.9	2.28	122.9			2250	2357	0.06	0.04	6	1306
106	1	1325	0.818	0.747	34.714	27.832					483	500					5	1307
106	1	1827	0.601	0.498	34.708	27.842					473	485					3	1800
106		1831	0.603	0.500	34.716	27.849	4.61	32.1	2.28	122.9			2247	2358	0.04	0.06	4	1804
106		2127	0.352	0.231	34.694	27.847		32.2	2.31	128.1			2248	2357	0.38	0.25	2	2094
106	1	2135	0.352	0.231	34.691	27.844					448	485					1	2102

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-74.843	-175.677	2126	14	995	90	10	-2.		0945	11	FEB	1984	PS	84	2	106



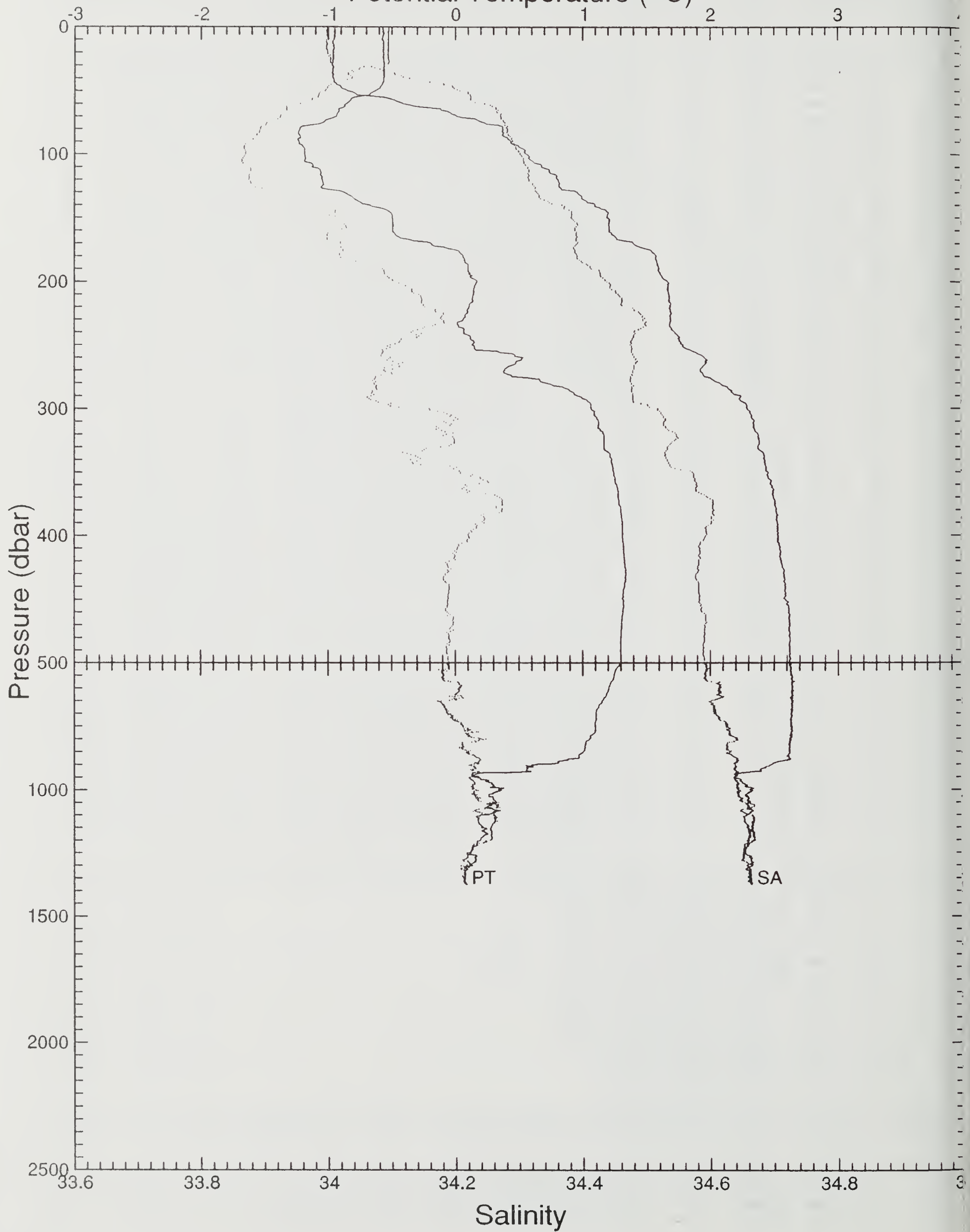
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.028	-176.018	1734	8	996	70	10	-2.		1112	11	FEB	1984	PS	84	1	107

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
107	1	0	-0.235	-0.235	1.64	1.64	34.134	27.419	29.794	32.142	36.758	65.1	0.000	1446.9	0
107	1	10	-0.249	-0.249	1.63	1.62	34.128	27.415	29.790	32.138	36.755	65.5	0.007	1447.0	9
107	1	20	-0.248	-0.249	1.64	1.62	34.130	27.416	29.791	32.139	36.756	65.3	0.013	1447.2	19
107	1	30	-0.260	-0.261	1.64	1.61	34.143	27.427	29.802	32.151	36.768	64.2	0.020	1447.3	29
107	1	40	-0.344	-0.345	1.56	1.53	34.202	27.479	29.855	32.205	36.824	59.3	0.026	1447.1	39
107	1	50	-0.477	-0.479	1.44	1.40	34.241	27.517	29.895	32.246	36.869	55.7	0.032	1446.7	49
107	1	60	-0.679	-0.681	1.25	1.20	34.273	27.551	29.932	32.286	36.915	52.4	0.037	1446.0	59
107	1	70	-0.948	-0.950	0.99	0.93	34.272	27.561	29.947	32.305	36.941	51.3	0.042	1444.9	69
107	1	80	-0.783	-0.785	1.16	1.10	34.352	27.620	30.002	32.357	36.988	45.8	0.047	1445.9	79
107	1	90	-0.180	-0.183	1.78	1.71	34.417	27.645	30.018	32.364	36.976	43.6	0.051	1449.0	89
107	1	100	-0.170	-0.173	1.80	1.72	34.466	27.684	30.056	32.402	37.014	39.9	0.056	1449.3	98
107	1	125	0.182	0.177	2.17	2.08	34.527	27.715	30.082	32.422	37.023	37.0	0.065	1451.4	123
107	1	150	0.600	0.594	2.61	2.50	34.586	27.738	30.099	32.433	37.021	35.0	0.074	1453.8	148
107	1	175	0.886	0.878	2.92	2.79	34.620	27.748	30.104	32.434	37.014	34.3	0.083	1455.5	173
107	1	200	1.092	1.083	3.15	3.00	34.657	27.764	30.117	32.444	37.018	32.9	0.091	1456.9	197
107	1	225	1.265	1.254	3.34	3.17	34.682	27.773	30.123	32.447	37.016	32.3	0.099	1458.1	222
107	1	250	1.263	1.251	3.36	3.17	34.686	27.776	30.126	32.450	37.020	32.1	0.107	1458.5	247
107	1	275	1.281	1.268	3.39	3.19	34.694	27.781	30.131	32.455	37.024	31.6	0.115	1459.0	271
107	1	300	1.340	1.325	3.47	3.25	34.705	27.786	30.135	32.458	37.025	31.3	0.123	1459.7	296
107	1	325	1.379	1.363	3.53	3.29	34.713	27.790	30.139	32.461	37.027	31.1	0.131	1460.3	321
107	1	350	1.374	1.357	3.54	3.28	34.717	27.793	30.142	32.465	37.031	30.8	0.139	1460.7	345
107	1	375	1.373	1.354	3.56	3.28	34.721	27.797	30.146	32.468	37.034	30.6	0.146	1461.1	370
107	1	400	1.368	1.348	3.58	3.27	34.723	27.799	30.148	32.470	37.037	30.5	0.154	1461.5	395
107	1	425	1.356	1.335	3.58	3.26	34.726	27.802	30.151	32.474	37.041	30.2	0.162	1461.8	420
107	1	450	1.337	1.314	3.58	3.24	34.727	27.804	30.154	32.477	37.044	30.1	0.169	1462.2	444
107	1	475	1.329	1.305	3.59	3.24	34.729	27.807	30.156	32.479	37.047	30.0	0.177	1462.5	469
107	1	500	1.317	1.292	3.60	3.22	34.729	27.808	30.157	32.481	37.049	29.9	0.184	1462.9	494
107	1	550	1.274	1.246	3.60	3.18	34.729	27.811	30.161	32.485	37.054	29.7	0.199	1463.5	543
107	1	600	1.229	1.198	3.59	3.14	34.728	27.813	30.164	32.489	37.060	29.6	0.214	1464.1	592
107	1	650	1.182	1.149	3.58	3.09	34.728	27.817	30.169	32.494	37.066	29.3	0.229	1464.8	642
107	1	700	1.144	1.108	3.58	3.05	34.727	27.819	30.171	32.497	37.070	29.2	0.243	1465.4	691
107	1	750	1.106	1.068	3.58	3.01	34.725	27.820	30.173	32.499	37.074	29.2	0.258	1466.1	740
107	1	800	1.060	1.019	3.57	2.97	34.724	27.822	30.176	32.503	37.079	29.0	0.273	1466.7	789
107	1	850	1.015	0.971	3.56	2.92	34.723	27.825	30.179	32.507	37.084	28.8	0.287	1467.3	839
107	1	900	0.984	0.938	3.57	2.89	34.722	27.826	30.181	32.509	37.087	28.7	0.301	1468.0	888
107	1	950	0.966	0.917	3.59	2.87	34.722	27.827	30.183	32.511	37.090	28.7	0.316	1468.7	937
107	1	1000	0.933	0.881	3.59	2.84	34.719	27.827	30.183	32.512	37.092	28.7	0.330	1469.4	987
107	1	1100	0.853	0.796	3.59	2.76	34.716	27.830	30.187	32.518	37.100	28.4	0.359	1470.7	1085
107	1	1200	0.800	0.737	3.61	2.71	34.714	27.833	30.190	32.522	37.105	28.2	0.387	1472.1	1183
107	1	1300	0.727	0.658	3.61	2.63	34.711	27.835	30.194	32.526	37.112	27.9	0.415	1473.5	1282
107	1	1400	0.668	0.594	3.63	2.57	34.708	27.837	30.197	32.530	37.118	27.7	0.443	1474.9	1380
107	1	1500	0.598	0.518	3.63	2.50	34.705	27.839	30.200	32.534	37.124	27.4	0.470	1476.2	1478
107	1	1600	0.483	0.398	3.59	2.39	34.697	27.839	30.202	32.539	37.132	27.0	0.498	1477.3	1577
107	1	1700	0.303	0.213	3.49	2.21	34.681	27.837	30.203	32.542	37.141	26.5	0.524	1478.2	1675
107	1	1742	0.304	0.212	3.52	2.21	34.681	27.837	30.203	32.542	37.141	26.5	0.536	1478.9	1716

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
107		15	-0.399	-0.399	34.218	27.494	7.16									1.72	12	15
107		111	-0.231	-0.235	34.432	27.660	5.80								1.94	0.99	11	110
107		227	1.082	1.071	34.661	27.768	4.54								.54	0.21	10	225
107		327	1.358	1.342	34.712	27.790	4.31								.18	0.10	9	323
107		449	1.358	1.335	34.728	27.804	4.25								.15	0.07	8	444
107		611	1.222	1.191	34.728	27.814	4.36								.09	0.04	7	603
107		813	1.054	1.012	34.723	27.822	4.48								.07	0.04	6	803
107		1016	0.915	0.862	34.721	27.830	4.54								.08	0.03	5	1003
107		1217	0.769	0.705	34.710	27.831	4.63								.12	0.05	4	1201
107		1418	0.655	0.580	34.709	27.838	4.71								.13	0.07	3	1399
107		1632	0.435	0.348	34.694	27.840									.24	0.11	2	1609
107		1729	0.303	0.211	34.678	27.835									.43	0.20	1	1704

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.043	-176.115	1734	8	996	80	10	-2.		1239	11	FEB	1984	PS	84	2	107

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
107	2	0	-0.384	-0.384	1.49	1.49	34.216	27.492	29.869	32.219	36.839	58.1	0.000	1446.3	0
107	2	10	-0.409	-0.409	1.48	1.47	34.212	27.490	29.867	32.217	36.838	58.3	0.006	1446.4	9
107	2	20	-0.398	-0.399	1.49	1.48	34.217	27.494	29.870	32.221	36.841	58.0	0.012	1446.6	19

Potential Temperature ($^{\circ}\text{C}$)

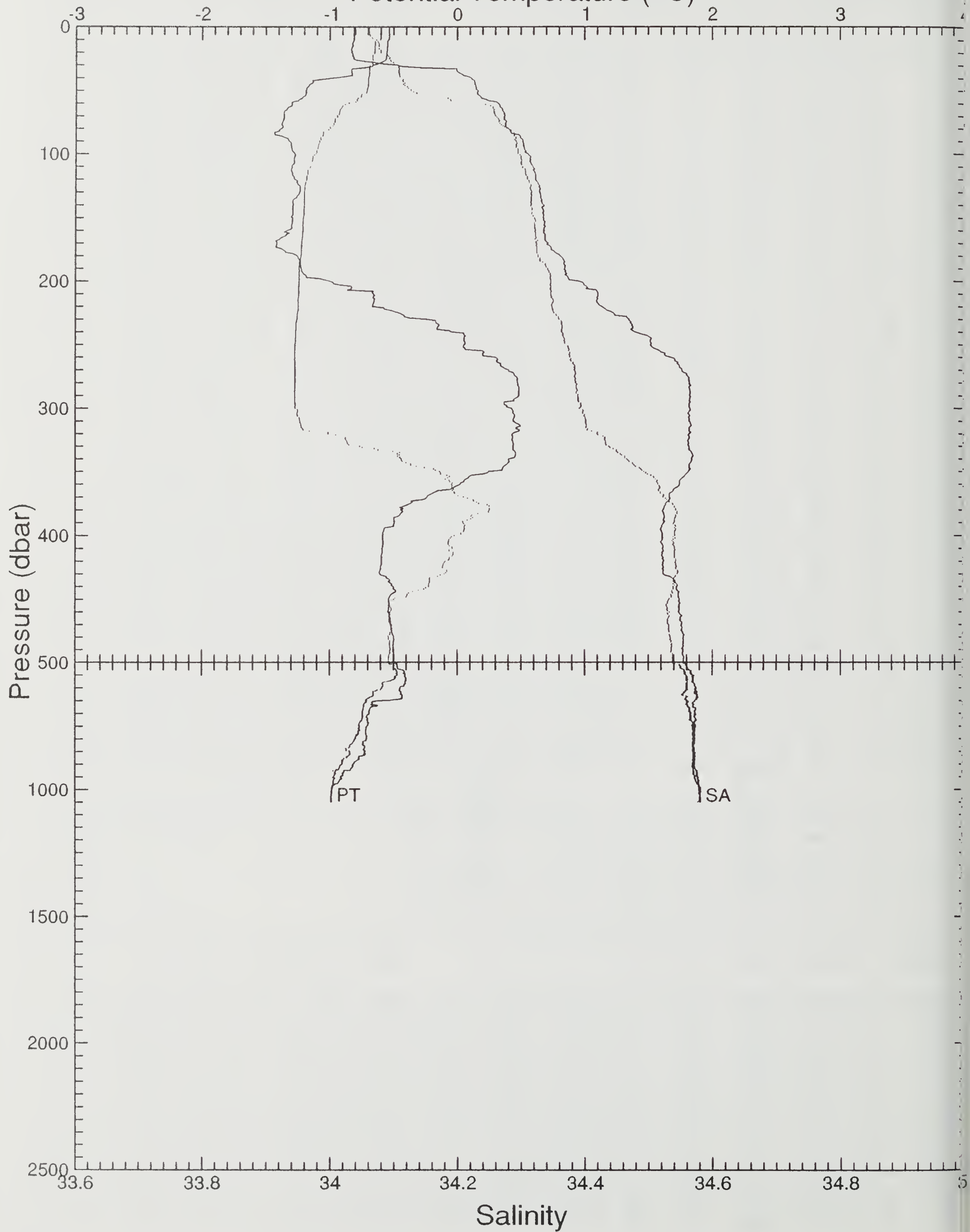
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.065	-176.135	1370	8	997	90	11	-2.		1327	11	FEB	1984	PS	84	1	108

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
108	1	0	-0.572	-0.572	1.29	1.29	34.010	27.334	29.714	32.068	36.696	73.1	0.000	1445.2	0
108	1	10	-0.577	-0.577	1.30	1.29	34.009	27.333	29.714	32.068	36.695	73.2	0.007	1445.3	9
108	1	20	-0.565	-0.566	1.32	1.30	34.008	27.332	29.712	32.066	36.693	73.3	0.015	1445.5	19
108	1	30	-0.560	-0.561	1.33	1.30	34.006	27.330	29.710	32.064	36.691	73.4	0.022	1445.7	29
108	1	40	-0.563	-0.564	1.33	1.30	34.008	27.332	29.712	32.066	36.693	73.2	0.029	1445.9	39
108	1	50	-0.631	-0.632	1.27	1.24	34.031	27.353	29.735	32.089	36.718	71.1	0.037	1445.7	49
108	1	60	-0.856	-0.858	1.06	1.02	34.119	27.434	29.818	32.176	36.811	63.4	0.043	1445.0	59
108	1	70	-0.935	-0.937	0.99	0.94	34.203	27.505	29.890	32.249	36.885	56.7	0.049	1444.9	69
108	1	80	-1.220	-1.222	0.72	0.66	34.274	27.573	29.962	32.325	36.970	50.1	0.055	1443.8	79
108	1	90	-1.226	-1.228	0.72	0.66	34.288	27.585	29.974	32.336	36.981	49.0	0.060	1443.9	89
108	1	100	-1.182	-1.185	0.78	0.70	34.312	27.603	29.991	32.353	36.996	47.3	0.064	1444.3	98
108	1	125	-1.044	-1.047	0.94	0.84	34.363	27.639	30.025	32.385	37.023	43.8	0.076	1445.5	123
108	1	150	-0.489	-0.494	1.51	1.40	34.438	27.677	30.054	32.405	37.026	40.4	0.086	1448.6	148
108	1	175	0.005	-0.001	2.03	1.90	34.506	27.708	30.077	32.420	37.027	37.6	0.096	1451.3	173
108	1	200	0.182	0.174	2.23	2.08	34.534	27.721	30.088	32.428	37.029	36.5	0.105	1452.6	197
108	1	225	0.102	0.094	2.17	2.00	34.540	27.730	30.098	32.439	37.043	35.6	0.114	1452.7	222
108	1	250	0.144	0.134	2.23	2.04	34.558	27.742	30.110	32.450	37.053	34.4	0.123	1453.3	247
108	1	275	0.456	0.445	2.56	2.35	34.591	27.751	30.114	32.450	37.043	33.8	0.132	1455.2	271
108	1	300	1.080	1.066	3.21	2.98	34.658	27.766	30.119	32.446	37.021	33.0	0.140	1458.5	296
108	1	325	1.185	1.169	3.33	3.09	34.677	27.774	30.126	32.451	37.023	32.4	0.148	1459.4	321
108	1	350	1.262	1.245	3.43	3.17	34.691	27.780	30.131	32.455	37.025	31.9	0.156	1460.1	345
108	1	375	1.305	1.286	3.49	3.21	34.702	27.786	30.136	32.460	37.028	31.5	0.164	1460.8	370
108	1	400	1.332	1.312	3.54	3.24	34.706	27.788	30.137	32.460	37.028	31.5	0.172	1461.3	395
108	1	425	1.352	1.331	3.58	3.26	34.713	27.792	30.141	32.464	37.031	31.2	0.180	1461.8	420
108	1	450	1.339	1.316	3.58	3.25	34.718	27.797	30.147	32.469	37.037	30.8	0.188	1462.2	444
108	1	475	1.325	1.301	3.59	3.23	34.724	27.803	30.153	32.476	37.043	30.3	0.195	1462.5	469
108	1	500	1.322	1.297	3.60	3.23	34.723	27.803	30.152	32.475	37.043	30.4	0.203	1462.9	494
108	1	550	1.273	1.245	3.59	3.18	34.729	27.811	30.161	32.485	37.054	29.7	0.218	1463.5	543
108	1	600	1.236	1.205	3.59	3.14	34.728	27.813	30.164	32.488	37.059	29.6	0.233	1464.2	592
108	1	650	1.184	1.151	3.58	3.09	34.730	27.818	30.170	32.495	37.067	29.2	0.247	1464.8	642
108	1	700	1.140	1.104	3.57	3.05	34.726	27.818	30.171	32.497	37.070	29.3	0.262	1465.4	691
108	1	750	1.135	1.096	3.61	3.04	34.729	27.821	30.174	32.500	37.073	29.1	0.277	1466.2	740
108	1	800	1.091	1.050	3.60	3.00	34.725	27.821	30.174	32.501	37.076	29.2	0.291	1466.8	789
108	1	850	1.042	0.998	3.59	2.95	34.724	27.824	30.178	32.505	37.081	29.0	0.306	1467.4	839
108	1	900	0.675	0.631	3.26	2.58	34.695	27.824	30.183	32.516	37.103	28.2	0.320	1466.6	888
108	1	950	0.218	0.175	2.83	2.12	34.636	27.803	30.169	32.509	37.110	29.0	0.334	1465.2	937
108	1	1000	0.411	0.363	3.07	2.31	34.663	27.814	30.178	32.515	37.109	28.5	0.349	1467.0	987
108	1	1100	0.245	0.193	2.98	2.15	34.657	27.819	30.185	32.524	37.124	27.6	0.377	1467.9	1085
108	1	1200	0.249	0.191	3.06	2.15	34.657	27.819	30.185	32.525	37.124	27.7	0.404	1469.5	1183
108	1	1300	0.198	0.135	3.08	2.10	34.666	27.829	30.196	32.537	37.138	26.6	0.431	1471.0	1282
108	1	1374	0.150	0.083	3.09	2.05	34.664	27.831	30.198	32.539	37.142	26.3	0.451	1472.0	1355

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
108		441	-0.032	-0.049	34.589	27.777	5.35	31.1	2.23	90.4					1.28	0.65	11	436
108		814	0.090	0.055	34.627	27.802	5.22	31.3	2.25	98.6					1.00	0.50	9	804
108		951	0.149	0.106	34.642	27.812	5.12										8	939
108		1095	0.332	0.280	34.658	27.815	5.00	31.5	2.26	107.3						0.35	6	1081
108		1237	0.184	0.125	34.652	27.819	5.05	31.5	2.26	107.4							4	1221
108		1360	0.131	0.065	34.662	27.830	5.09	31.5	2.26	109.7					.76	0.36	2	1342

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.072	-176.302	1370	8	997	90	11	-2.		1441	11	FEB	1984	PS	84	2	108

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
108	2	0	-0.526	-0.526	1.34	1.34	33.999	27.323	29.703	32.056	36.682	74.2	0.000	1445.4	0
108	2	10	-0.527	-0.527	1.35	1.34	33.997	27.321	29.701	32.054	36.681	74.3	0.007	1445.5	9
108	2	20	-0.528	-0.529	1.35	1.34	33.999	27.323	29.703	32.056	36.682	74.1	0.015	1445.7	19
108	2	30	-0.540	-0.541	1.35	1.32	34.007	27.330	29.710	32.063	36.690	73.4	0.022	1445.8	29
108	2	40	-0.814	-0.815	1.09	1.06	34.128	27.439	29.823	32.180	36.814	63.0	0.029	1444.8	39
108	2	50	-1.023	-1.024	0.89	0.85	34.207	27.512	29.898	32.258	36.897	56.1	0.035	1444.1	49
108	2	60	-1.219	-1.220	0.70	0.66	34.246	27.550	29.940	32.302	36.947	52.4	0.040	1443.4	59
108	2	70	-1.373	-1.375	0.56	0.51	34.271	27.576	29.967	32.332	36.982	49.9	0.046	1442.9	69
108	2	80	-1.531	-1.533	0.41	0.35	34.282	27.590	29.984	32.351	37.005	48.5	0.050	1442.3	79
108	2	90	-1.615	-1.617	0.33	0.27	34.290	27.599	29.994	32.363	37.019	47.6	0.055	1442.1	89
108	2	100	-1.645	-1.647	0.31	0.24	34.302	27.609	30.005	32.374	37.032	46.5	0.060	1442.1	98
108	2	125	-1.579	-1.582	0.40	0.30	34.324	27.625	30.020	32.388	37.043	44.9	0.071	1442.9	123
108	2	150	-0.961	-0.965	1.04	0.93	34.382	27.651	30.036	32.394	37.030	42.6	0.082	1446.3	148

Potential Temperature ($^{\circ}\text{C}$)

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.098	-176.315	1044	3	997	90	10	-2.		1523	11	FEB	1984	PS	84	1	109

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
109	1	0	-0.535	-0.535	1.33	1.33	34.038	27.355	29.735	32.088	36.714	71.1	0.000	1445.4	0
109	1	10	-0.541	-0.541	1.33	1.33	34.038	27.355	29.735	32.088	36.715	71.1	0.007	1445.5	9
109	1	20	-0.553	-0.554	1.33	1.31	34.034	27.352	29.733	32.086	36.713	71.3	0.014	1445.6	19
109	1	30	-0.659	-0.660	1.23	1.21	34.106	27.415	29.797	32.151	36.781	65.3	0.021	1445.4	29
109	1	40	-0.974	-0.975	0.93	0.90	34.222	27.522	29.908	32.266	36.904	55.2	0.027	1444.2	39
109	1	50	-1.188	-1.189	0.73	0.69	34.233	27.539	29.928	32.290	36.934	53.5	0.033	1443.4	49
109	1	60	-1.293	-1.294	0.63	0.59	34.264	27.567	29.958	32.322	36.969	50.7	0.038	1443.1	59
109	1	70	-1.354	-1.356	0.58	0.53	34.275	27.578	29.970	32.334	36.983	49.6	0.043	1443.0	69
109	1	80	-1.377	-1.379	0.56	0.50	34.280	27.583	29.975	32.340	36.989	49.1	0.048	1443.0	79
109	1	90	-1.314	-1.316	0.64	0.57	34.303	27.600	29.990	32.354	37.002	47.5	0.053	1443.5	89
109	1	100	-1.269	-1.271	0.69	0.61	34.311	27.605	29.995	32.358	37.004	47.0	0.057	1443.9	98
109	1	125	-1.229	-1.232	0.75	0.65	34.330	27.619	30.008	32.370	37.015	45.6	0.069	1444.5	123
109	1	150	-1.285	-1.289	0.71	0.60	34.335	27.625	30.015	32.378	37.024	44.9	0.080	1444.7	148
109	1	175	-1.359	-1.363	0.66	0.53	34.347	27.637	30.028	32.393	37.041	43.6	0.091	1444.8	173
109	1	200	-0.990	-0.996	1.05	0.90	34.390	27.659	30.044	32.403	37.040	41.6	0.102	1447.0	197
109	1	225	-0.449	-0.456	1.61	1.44	34.445	27.681	30.057	32.407	37.028	39.9	0.112	1450.0	222
109	1	250	0.066	0.057	2.15	1.96	34.504	27.703	30.072	32.414	37.019	38.1	0.122	1452.8	247
109	1	275	0.473	0.462	2.58	2.37	34.562	27.727	30.089	32.425	37.018	36.1	0.131	1455.2	271
109	1	300	0.438	0.426	2.56	2.33	34.565	27.731	30.094	32.431	37.025	35.7	0.140	1455.4	296
109	1	325	0.443	0.429	2.58	2.34	34.562	27.729	30.092	32.428	37.022	36.0	0.149	1455.9	321
109	1	350	0.262	0.248	2.42	2.16	34.563	27.740	30.106	32.445	37.044	34.8	0.158	1455.5	345
109	1	375	-0.354	-0.367	1.82	1.54	34.527	27.743	30.118	32.466	37.083	33.8	0.166	1453.0	370
109	1	400	-0.571	-0.584	1.63	1.32	34.522	27.749	30.127	32.479	37.102	33.0	0.175	1452.4	395
109	1	425	-0.588	-0.602	1.63	1.31	34.524	27.751	30.130	32.482	37.106	32.7	0.183	1452.7	420
109	1	450	-0.524	-0.540	1.71	1.37	34.549	27.769	30.146	32.497	37.119	31.1	0.191	1453.4	444
109	1	475	-0.495	-0.512	1.76	1.40	34.552	27.770	30.147	32.497	37.118	31.0	0.199	1454.0	469
109	1	500	-0.476	-0.494	1.80	1.42	34.554	27.771	30.147	32.498	37.118	30.9	0.206	1454.5	494
109	1	550	-0.391	-0.411	1.92	1.51	34.571	27.780	30.156	32.505	37.123	30.0	0.222	1455.7	543
109	1	600	-0.429	-0.451	1.92	1.47	34.574	27.785	30.161	32.510	37.129	29.5	0.237	1456.4	592
109	1	650	-0.570	-0.594	1.82	1.33	34.572	27.790	30.168	32.519	37.143	28.7	0.251	1456.5	642
109	1	700	-0.665	-0.690	1.76	1.23	34.572	27.794	30.174	32.527	37.153	28.0	0.265	1456.9	691
109	1	750	-0.678	-0.705	1.79	1.22	34.574	27.796	30.176	32.529	37.156	27.6	0.279	1457.7	740
109	1	800	-0.683	-0.712	1.82	1.21	34.571	27.794	30.174	32.527	37.154	27.7	0.293	1458.5	789
109	1	850	-0.688	-0.719	1.85	1.21	34.572	27.795	30.175	32.529	37.156	27.5	0.307	1459.3	839
109	1	900	-0.787	-0.820	1.79	1.11	34.571	27.799	30.180	32.535	37.165	26.8	0.320	1459.6	888
109	1	950	-0.877	-0.912	1.74	1.02	34.573	27.804	30.187	32.543	37.176	25.9	0.333	1460.1	937
109	1	1000	-0.944	-0.980	1.71	0.95	34.579	27.811	30.196	32.553	37.188	24.9	0.346	1460.6	987
109	1	1049	-0.949	-0.987	1.74	0.95	34.581	27.813	30.198	32.555	37.190	24.5	0.358	1461.4	1035

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
109	1	11	-0.644	-0.644	34.075	27.390	8.02	23.4	1.65	56.4						2.11	12	11
109		84	-1.051	-1.053	34.290	27.580	7.69	23.7	1.80	64.9						1.91	11	83
109		191	-1.232	-1.237	34.333	27.621	6.89	27.0	1.98	68.7					3.26	1.56	10	189
109		264	-1.263	-1.270	34.379	27.660	6.58	28.8	2.08	72.0					2.79	1.37	9	261
109		350	-0.127	-0.140	34.498	27.708	5.46	31.0	2.19	79.4					1.59	0.83	8	346
109		397	0.064	0.049	34.542	27.734	5.38	30.9	2.18	83.8					1.51	0.74	7	393
109		527	-0.472	-0.491	34.560	27.775	5.68	30.9	2.17	86.4					1.58	0.83	6	521
109		622	-0.635	-0.657	34.560	27.783	5.68	30.6	2.17	86.0					1.77	0.85	5	615
109		729	-0.725	-0.751	34.569	27.794	5.79	30.7	2.18	86.5					1.67	0.87	4	720
109		853	-0.813	-0.844	34.569	27.798	5.87	30.7	2.17	85.1					1.86	0.91	3	842
109	1	953	-0.938	-0.972	34.579	27.811	5.92	30.5	2.17	83.9					1.94	0.95	2	941
109	1	1050	-0.948	-0.987	34.577	27.810	5.93	30.5	2.17	83.8					1.97	0.91	1	1036

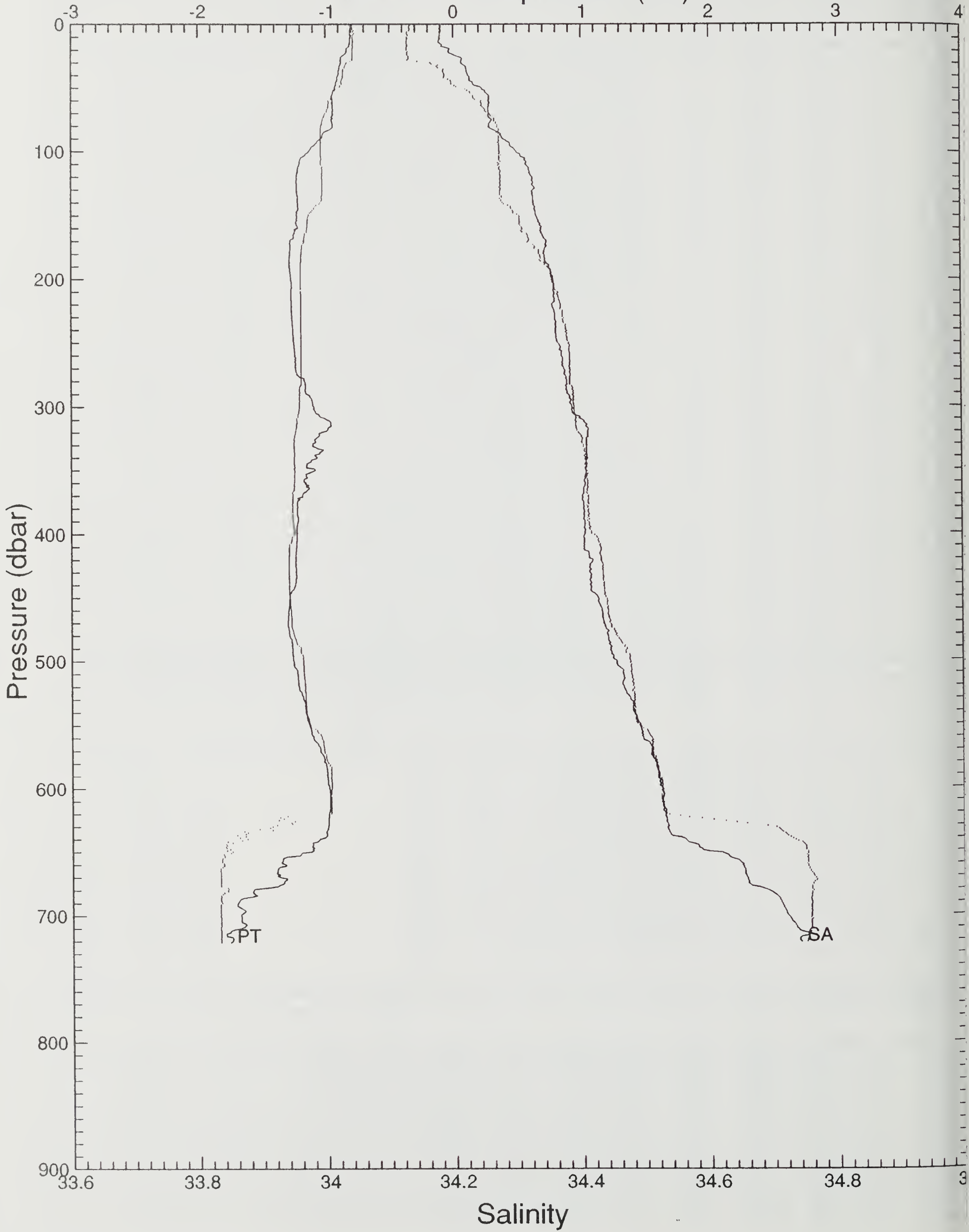
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.107	-176.365	1044	3	997	80	10	-2.		1634	11	FEB	1984	PS	84	2	109

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
109	2	0	-0.693	-0.693	1.18	1.18	34.080	27.396	29.778	32.133	36.763	67.3	0.000	1444.7	0
109	2	10	-0.636	-0.636	1.24	1.23	34.079	27.392	29.774	32.128	36.757	67.6	0.007	1445.1	9
109	2	20	-0.648	-0.649	1.24	1.22	34.080	27.394	29.775	32.130	36.759	67.4	0.014	1445.2	19
109	2	30	-0.685	-0.686	1.21	1.19	34.106	27.416	29.798	32.153	36.783	65.2	0.020	1445.3	29
109	2	40	-0.696	-0.697	1.21	1.18	34.113	27.423	29.804	32.160	36.790	64.6	0.027	1445.4	39
109	2	50	-0.707	-0.708	1.20	1.17	34.127	27.434	29.816	32.172	36.802	63.5	0.033	1445.5	49
109	2	60	-0.848	-0.850	1.08	1.03	34.235	27.528	29.911	32.268	36.902	54.6	0.039	1445.1	59
109	2	70	-0.938	-0.940	1.00	0.94	34.260	27.551	29.936	32.295	36.931	52.3	0.044	1444.9	69
109	2	80	-0.992	-0.994	0.95	0.89	34.277	27.567	29.953	32.312	36.950	50.7	0.049	1444.9	79
109	2	90	-1.078	-1.080	0.87	0.80	34.292	27.583	29.970	32.330	36.970	49.2	0.054	1444.6	89

PS_84 110

75 9 S
176 24 W

Potential Temperature ($^{\circ}\text{C}$)



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.152	-176.402	721	5	997	70	11	-2.		1713	11	FEB	1984	PS	84	1	110

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
110	1	0	-0.816	-0.816	1.06	1.06	34.179	27.481	29.864	32.221	36.854	59.2	0.000	1444.3	0
110	1	10	-0.805	-0.805	1.08	1.07	34.178	27.480	29.863	32.219	36.852	59.3	0.006	1444.5	9
110	1	20	-0.835	-0.836	1.06	1.04	34.193	27.493	29.877	32.234	36.867	58.0	0.012	1444.5	19
110	1	30	-0.878	-0.879	1.02	1.00	34.212	27.510	29.894	32.252	36.887	56.3	0.018	1444.5	29
110	1	40	-0.900	-0.901	1.01	0.98	34.223	27.520	29.904	32.262	36.898	55.4	0.023	1444.6	39
110	1	50	-0.927	-0.928	0.99	0.95	34.245	27.539	29.924	32.282	36.918	53.5	0.029	1444.6	49
110	1	60	-0.944	-0.946	0.98	0.94	34.255	27.547	29.933	32.291	36.928	52.7	0.034	1444.7	59
110	1	70	-0.943	-0.945	0.99	0.94	34.257	27.549	29.934	32.292	36.929	52.5	0.039	1444.9	69
110	1	80	-0.942	-0.944	1.00	0.94	34.256	27.548	29.933	32.292	36.928	52.5	0.044	1445.1	79
110	1	90	-1.035	-1.037	0.91	0.85	34.278	27.570	29.956	32.316	36.955	50.5	0.050	1444.8	89
110	1	100	-1.128	-1.131	0.83	0.75	34.299	27.590	29.978	32.339	36.981	48.5	0.055	1444.6	98
110	1	125	-1.223	-1.226	0.75	0.66	34.325	27.615	30.004	32.366	37.011	46.0	0.066	1444.6	123
110	1	150	-1.221	-1.225	0.78	0.66	34.330	27.619	30.008	32.370	37.014	45.5	0.078	1445.0	148
110	1	175	-1.271	-1.275	0.75	0.61	34.345	27.632	30.022	32.385	37.031	44.1	0.089	1445.2	173
110	1	200	-1.265	-1.270	0.77	0.62	34.355	27.640	30.030	32.393	37.039	43.2	0.100	1445.6	197
110	1	225	-1.260	-1.266	0.80	0.63	34.358	27.643	30.032	32.395	37.041	42.9	0.111	1446.1	222
110	1	250	-1.242	-1.249	0.83	0.64	34.363	27.646	30.036	32.398	37.043	42.5	0.121	1446.6	247
110	1	275	-1.217	-1.224	0.88	0.67	34.373	27.653	30.042	32.404	37.048	41.7	0.132	1447.1	271
110	1	300	-1.085	-1.093	1.03	0.80	34.385	27.658	30.045	32.405	37.045	41.2	0.142	1448.1	296
110	1	325	-1.070	-1.079	1.06	0.82	34.407	27.676	30.062	32.422	37.061	39.5	0.152	1448.6	321
110	1	350	-1.072	-1.082	1.08	0.82	34.407	27.676	30.062	32.422	37.062	39.4	0.162	1449.0	345
110	1	375	-1.214	-1.224	0.96	0.67	34.403	27.678	30.067	32.429	37.072	39.0	0.172	1448.8	370
110	1	400	-1.217	-1.228	0.97	0.67	34.405	27.680	30.068	32.430	37.074	38.7	0.182	1449.2	395
110	1	425	-1.225	-1.237	0.98	0.66	34.413	27.686	30.075	32.437	37.081	38.0	0.191	1449.6	420
110	1	450	-1.273	-1.286	0.96	0.62	34.425	27.698	30.087	32.450	37.096	36.7	0.201	1449.8	444
110	1	475	-1.282	-1.295	0.97	0.61	34.437	27.708	30.098	32.460	37.106	35.7	0.210	1450.1	469
110	1	500	-1.243	-1.257	1.02	0.65	34.454	27.720	30.109	32.472	37.116	34.5	0.218	1450.8	494
110	1	550	-1.117	-1.134	1.19	0.78	34.490	27.745	30.132	32.492	37.133	32.1	0.235	1452.2	543
110	1	600	-0.965	-0.984	1.38	0.93	34.524	27.767	30.152	32.509	37.145	30.2	0.251	1453.8	592
110	1	650	-1.105	-1.126	1.28	0.79	34.596	27.831	30.217	32.577	37.216	23.8	0.264	1454.1	642
110	1	700	-1.660	-1.679	0.77	0.25	34.719	27.949	30.344	32.711	37.366	11.4	0.273	1452.4	691
110	1	721	-1.740	-1.760	0.71	0.17	34.740	27.969	30.364	32.733	37.390	9.3	0.275	1452.4	712

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
110	4	103	-1.036	-1.039	34.276	27.568	7.74								2.02	0.98	11	102
110		206	-1.191	-1.196	34.358	27.640	6.79								3.05	1.45	9	204
110		414	-1.279	-1.290	34.428	27.700	6.46								2.58	1.26	8	410
110	1	608	-0.947	-0.967	34.523	27.766	6.04								2.03	1.01	6	600
110		678	-1.765	-1.783	34.740	27.969	6.35								2.25	1.12	4	670
110		722	-1.817	-1.836	34.756	27.984	6.38								2.34	1.16	2	714

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.165	-176.443	721	5	997	50	10	-2.		1802	11	FEB	1984	PS	84	2	110

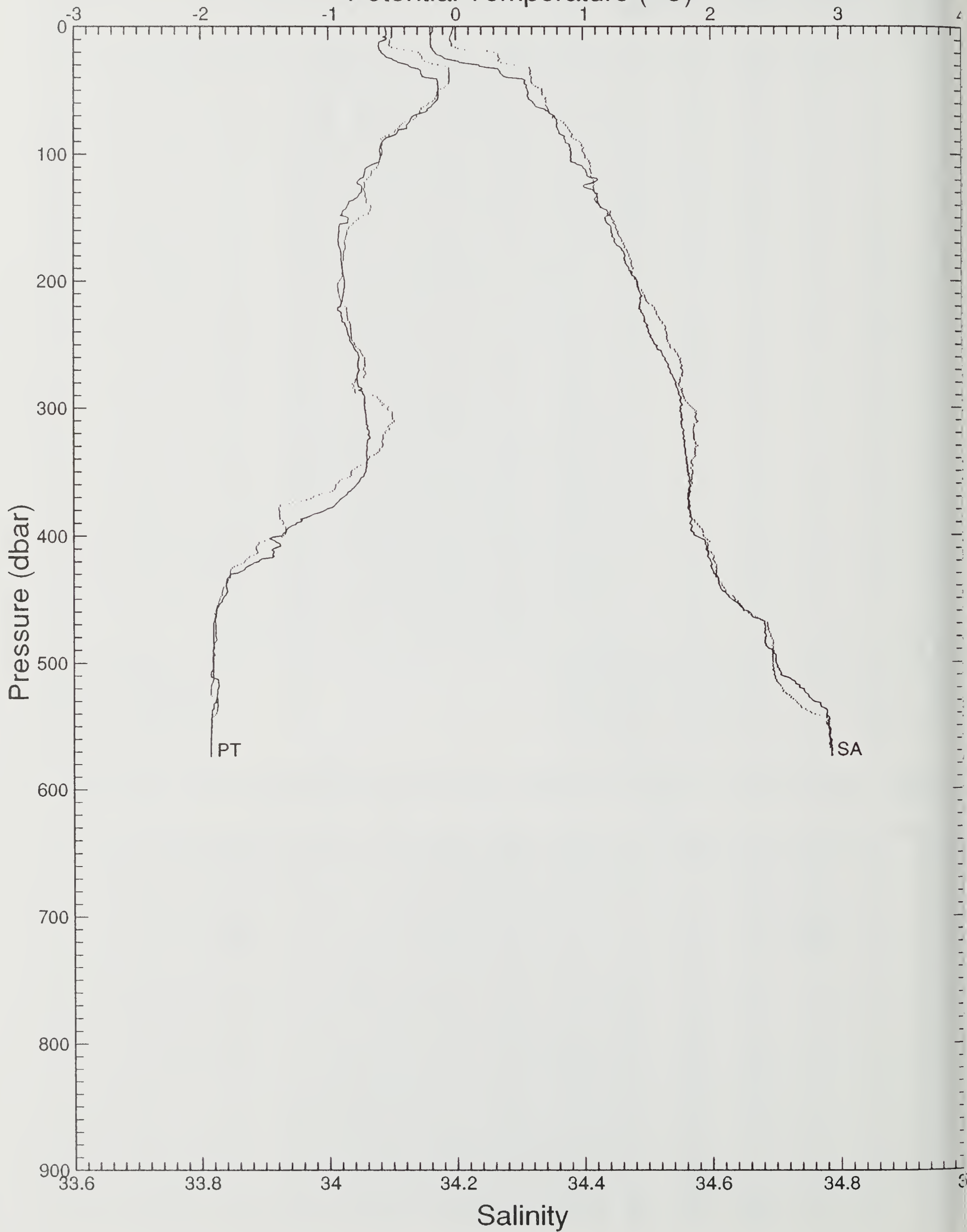
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
110	2	0	-0.792	-0.792	1.08	1.08	34.133	27.443	29.826	32.182	36.815	62.8	0.000	1444.3	0
110	2	10	-0.788	-0.788	1.09	1.08	34.127	27.438	29.821	32.177	36.810	63.3	0.006	1444.5	9
110	2	20	-0.786	-0.787	1.10	1.09	34.127	27.438	29.821	32.177	36.810	63.2	0.013	1444.6	19
110	2	30	-0.833	-0.834	1.06	1.04	34.164	27.469	29.853	32.210	36.844	60.2	0.019	1444.6	29
110	2	40	-0.865	-0.866	1.04	1.01	34.186	27.488	29.873	32.230	36.865	58.3	0.025	1444.7	39
110	2	50	-0.907	-0.908	1.01	0.97	34.215	27.514	29.898	32.256	36.892	55.9	0.030	1444.7	49
110	2	60	-0.975	-0.977	0.95	0.90	34.244	27.540	29.925	32.284	36.922	53.4	0.036	1444.6	59
110	2	70	-1.001	-1.003	0.93	0.88	34.256	27.550	29.937	32.296	36.934	52.3	0.041	1444.6	69
110	2	80	-1.032	-1.034	0.91	0.85	34.269	27.562	29.949	32.308	36.947	51.2	0.046	1444.7	79
110	2	90	-1.035	-1.037	0.91	0.85	34.271	27.564	29.950	32.310	36.949	51.0	0.052	1444.8	89
110	2	100	-1.034	-1.037	0.92	0.85	34.272	27.565	29.951	32.311	36.950	50.9	0.057	1445.0	98
110	2	125	-1.021	-1.024	0.95	0.86	34.273	27.565	29.951	32.311	36.950	50.8	0.069	1445.4	123
110	2	150	-1.128	-1.132	0.87	0.75	34.303	27.593	29.981	32.342	36.984	47.9	0.082	1445.4	148
110	2	175	-1.180	-1.185	0.84	0.70	34.328	27.616	30.004	32.366	37.009	45.7	0.093	1445.6	173
110	2	200	-1.191	-1.196	0.84	0.69	34.357	27.639	30.028	32.390	37.033	43.3	0.104	1446.0	197
110	2	225	-1.187	-1.193	0.87	0.70	34.371	27.651	30.039	32.401	37.044	42.2	0.115	1446.4	222
110	2	250	-1.184	-1.191	0.89	0.70	34.381	27.659	30.047	32.409	37.052	41.3	0.126	1446.9	247
110	2	275	-1.185	-1.192	0.91	0.70	34.383	27.660	30.049	32.410	37.053	41.1	0.136	1447.3	271
110	2	300	-1.198	-1.206	0.92	0.69	34.389	27.666	30.054	32.416	37.059	40.5	0.146	1447.6	296
110	2	325	-1.238	-1.247	0.90	0.65	34.402	27.678	30.067	32.429	37.074	39.2	0.156	1447.8	321
110	2	350	-1.236	-1.246	0.92	0.65	34.406	27.681	30.070	32.432	37.077	38.8	0.166	1448.3	345
110	2	375	-1.250	-1.260	0.92	0.64	34.410	27.685	30.074	32.437	37.081	38.3	0.175	1448.6	370

PS_84 111

75 13 S

176 28 W

Potential Temperature ($^{\circ}\text{C}$)

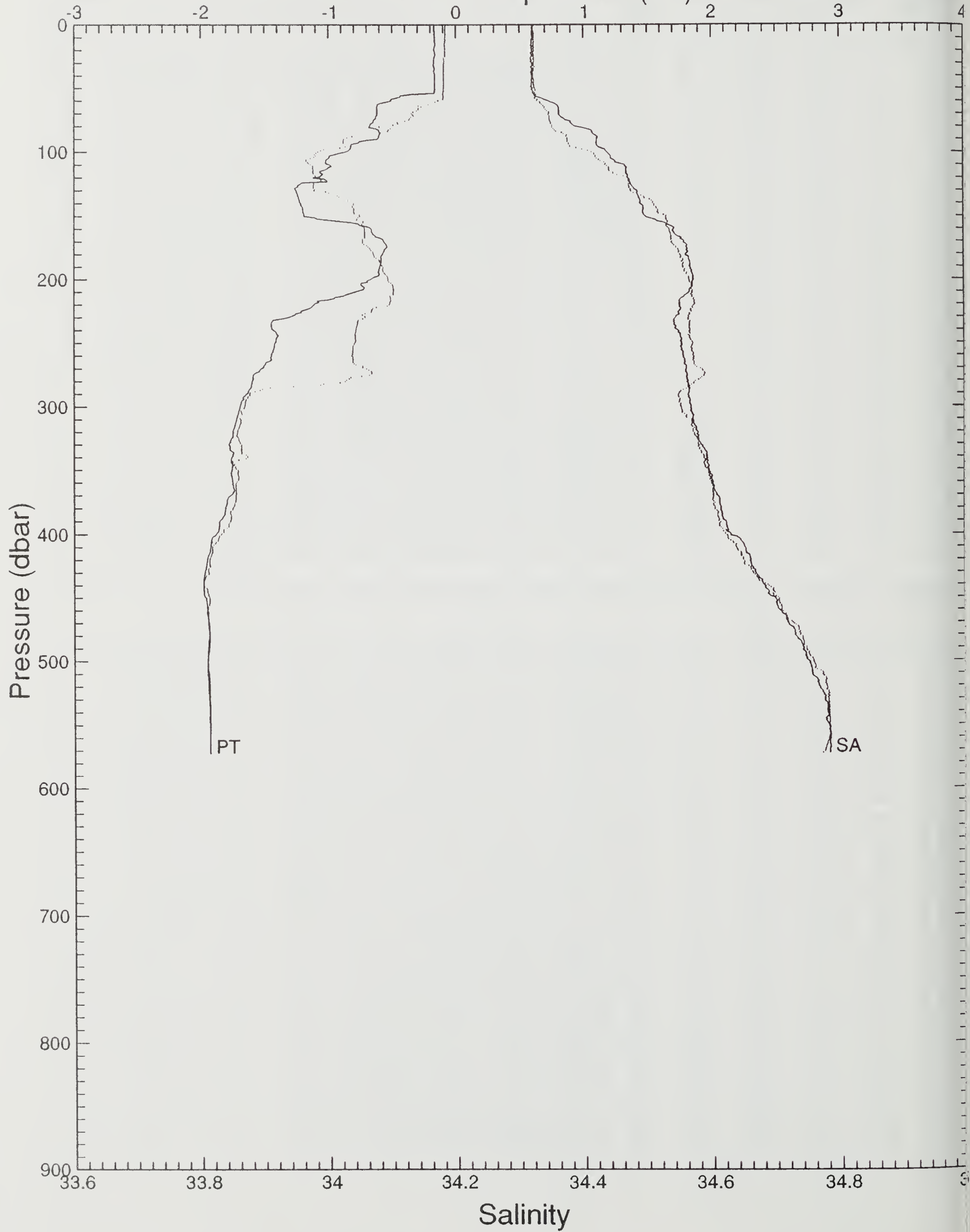


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.222	-176.468	574		998	50	10	-1.		1849	11	FEB	1984	PS	84	1	111

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
111	1	0	-0.556	-0.556	1.32	1.32	34.164	27.458	29.837	32.190	36.816	61.4	0.000	1445.4	0
111	1	10	-0.547	-0.547	1.33	1.33	34.161	27.455	29.834	32.187	36.813	61.6	0.006	1445.6	9
111	1	20	-0.584	-0.585	1.31	1.29	34.168	27.462	29.842	32.195	36.822	60.9	0.012	1445.6	19
111	1	30	-0.369	-0.370	1.53	1.51	34.237	27.508	29.885	32.234	36.854	56.5	0.018	1446.9	29
111	1	40	-0.229	-0.230	1.68	1.65	34.283	27.539	29.913	32.260	36.876	53.6	0.024	1447.8	39
111	1	50	-0.134	-0.136	1.79	1.75	34.313	27.559	29.931	32.277	36.889	51.8	0.029	1448.4	49
111	1	60	-0.166	-0.168	1.76	1.72	34.322	27.567	29.940	32.287	36.900	50.9	0.034	1448.4	59
111	1	70	-0.325	-0.327	1.61	1.56	34.356	27.603	29.978	32.326	36.944	47.6	0.039	1447.9	69
111	1	80	-0.378	-0.381	1.57	1.51	34.361	27.609	29.985	32.334	36.953	46.9	0.044	1447.8	79
111	1	90	-0.566	-0.569	1.39	1.32	34.373	27.627	30.006	32.358	36.983	45.1	0.048	1447.1	89
111	1	100	-0.585	-0.588	1.38	1.30	34.382	27.636	30.015	32.367	36.992	44.3	0.053	1447.2	98
111	1	125	-0.730	-0.734	1.25	1.16	34.401	27.657	30.038	32.393	37.022	42.2	0.064	1447.0	123
111	1	150	-0.834	-0.838	1.17	1.06	34.435	27.689	30.072	32.428	37.059	39.0	0.074	1446.9	148
111	1	175	-0.897	-0.902	1.13	0.99	34.462	27.714	30.097	32.454	37.087	36.6	0.083	1447.1	173
111	1	200	-0.863	-0.869	1.18	1.03	34.486	27.732	30.115	32.471	37.103	34.9	0.092	1447.7	197
111	1	225	-0.886	-0.893	1.18	1.01	34.492	27.737	30.121	32.477	37.110	34.2	0.101	1448.0	222
111	1	250	-0.797	-0.805	1.29	1.10	34.513	27.751	30.133	32.488	37.118	32.9	0.109	1448.9	247
111	1	275	-0.762	-0.771	1.34	1.13	34.541	27.772	30.153	32.508	37.137	30.9	0.117	1449.5	271
111	1	300	-0.703	-0.713	1.42	1.19	34.552	27.779	30.159	32.512	37.139	30.3	0.125	1450.2	296
111	1	325	-0.676	-0.686	1.47	1.22	34.557	27.782	30.161	32.514	37.141	30.0	0.132	1450.7	321
111	1	350	-0.693	-0.704	1.47	1.20	34.564	27.788	30.168	32.521	37.148	29.3	0.140	1451.0	345
111	1	375	-0.925	-0.936	1.26	0.97	34.566	27.799	30.183	32.540	37.173	27.9	0.147	1450.4	370
111	1	400	-1.354	-1.365	0.84	0.54	34.574	27.821	30.212	32.575	37.222	25.2	0.154	1448.8	395
111	1	425	-1.640	-1.651	0.58	0.26	34.601	27.852	30.247	32.615	37.270	21.9	0.159	1447.8	420
111	1	450	-1.816	-1.827	0.42	0.09	34.631	27.882	30.279	32.649	37.310	18.7	0.164	1447.4	444
111	1	475	-1.887	-1.898	0.38	0.02	34.685	27.928	30.326	32.697	37.359	14.2	0.169	1447.6	469
111	1	500	-1.888	-1.900	0.39	0.02	34.701	27.941	30.339	32.710	37.372	12.8	0.172	1448.0	494
111	1	550	-1.898	-1.911	0.43	0.01	34.782	28.007	30.405	32.776	37.437	6.3	0.177	1448.9	543
111	1	574	-1.906	-1.920	0.44	0.00	34.787	28.011	30.409	32.780	37.442	5.8	0.178	1449.3	567

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.228	-176.467	574		998	60	10	-1.		1924	11	FEB	1984	PS	84	2	111

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
111	2	0	-0.500	-0.500	1.38	1.38	34.197	27.482	29.861	32.212	36.836	59.1	0.000	1445.8	0
111	2	10	-0.518	-0.518	1.36	1.36	34.191	27.478	29.857	32.209	36.833	59.5	0.006	1445.8	9
111	2	20	-0.292	-0.293	1.60	1.59	34.261	27.524	29.899	32.248	36.865	55.1	0.012	1447.1	19
111	2	30	-0.138	-0.139	1.77	1.74	34.293	27.543	29.915	32.261	36.874	53.3	0.017	1448.0	29
111	2	40	-0.050	-0.051	1.86	1.83	34.320	27.560	29.931	32.276	36.885	51.7	0.022	1448.6	39
111	2	50	-0.137	-0.139	1.78	1.75	34.336	27.577	29.950	32.295	36.907	50.0	0.027	1448.4	49
111	2	60	-0.207	-0.209	1.72	1.68	34.343	27.586	29.960	32.307	36.921	49.1	0.032	1448.3	59
111	2	70	-0.304	-0.306	1.63	1.58	34.354	27.600	29.975	32.323	36.940	47.8	0.037	1448.0	69
111	2	80	-0.450	-0.453	1.50	1.44	34.377	27.625	30.002	32.353	36.974	45.4	0.042	1447.5	79
111	2	90	-0.565	-0.568	1.39	1.32	34.395	27.645	30.024	32.376	37.000	43.4	0.046	1447.2	89
111	2	100	-0.572	-0.575	1.39	1.32	34.403	27.652	30.031	32.383	37.007	42.8	0.051	1447.3	98
111	2	125	-0.706	-0.710	1.28	1.18	34.417	27.669	30.050	32.404	37.032	41.0	0.061	1447.1	123
111	2	150	-0.753	-0.757	1.25	1.14	34.446	27.695	30.076	32.431	37.060	38.5	0.071	1447.3	148
111	2	175	-0.861	-0.866	1.16	1.03	34.469	27.718	30.101	32.457	37.089	36.2	0.080	1447.3	173
111	2	200	-0.901	-0.907	1.14	0.99	34.485	27.732	30.116	32.473	37.106	34.8	0.089	1447.5	197
111	2	225	-0.842	-0.849	1.22	1.05	34.516	27.755	30.138	32.493	37.125	32.6	0.098	1448.2	222
111	2	250	-0.780	-0.788	1.30	1.12	34.537	27.770	30.151	32.506	37.135	31.2	0.106	1449.0	247
111	2	275	-0.710	-0.719	1.39	1.19	34.556	27.782	30.162	32.516	37.143	30.0	0.113	1449.7	271
111	2	300	-0.521	-0.531	1.60	1.38	34.571	27.786	30.163	32.514	37.135	29.7	0.121	1451.0	296
111	2	325	-0.562	-0.573	1.58	1.34	34.574	27.790	30.168	32.519	37.142	29.2	0.128	1451.3	321
111	2	350	-0.809	-0.820	1.35	1.09	34.572	27.799	30.181	32.536	37.166	28.1	0.135	1450.5	345
111	2	375	-1.295	-1.305	0.89	0.60	34.565	27.812	30.201	32.564	37.209	26.3	0.142	1448.6	370
111	2	400	-1.336	-1.347	0.86	0.56	34.588	27.832	30.222	32.585	37.231	24.3	0.148	1448.9	395
111	2	425	-1.741	-1.751	0.48	0.16	34.608	27.861	30.257	32.626	37.285	20.9	0.154	1447.4	420
111	2	450	-1.838	-1.849	0.40	0.06	34.637	27.887	30.285	32.656	37.316	18.2	0.159	1447.3	444
111	2	475	-1.867	-1.878	0.40	0.04	34.689	27.930	30.328	32.699	37.360	14.0	0.163	1447.7	469
111	2	500	-1.888	-1.900	0.39	0.02	34.697	27.938	30.336	32.707	37.369	13.1	0.166	1448.0	494
111	2	550	-1.904	-1.917	0.42	0.01	34.783	28.008	30.406	32.777	37.439	6.2	0.171	1448.9	543
111	2	574	-1.909	-1.923	0.43	0.00	34.789	28.013	30.411	32.782	37.444	5.6	0.173	1449.2	567

Potential Temperature ($^{\circ}\text{C}$)

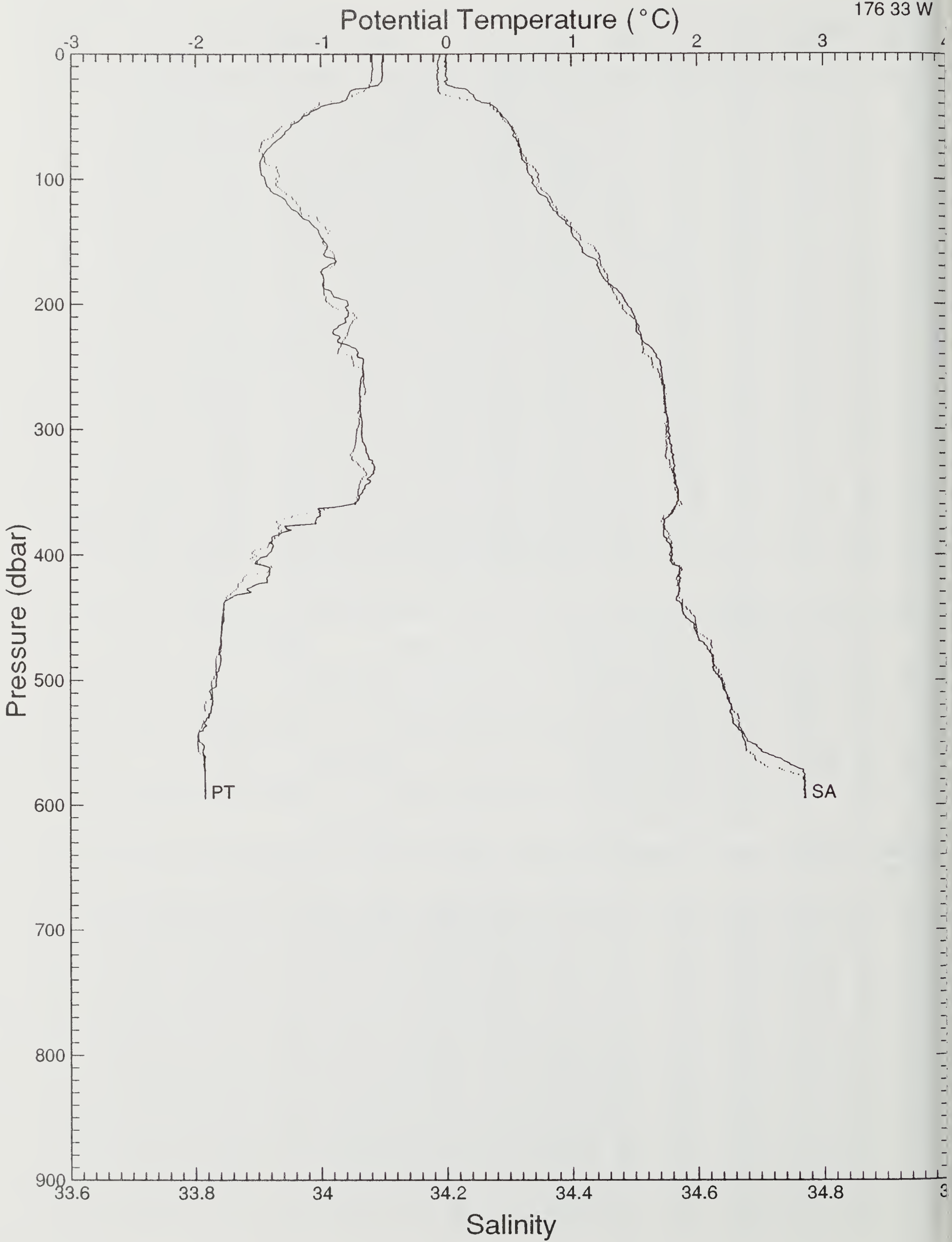
LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-75.348 -176.482 571 3 998 70 10 -1. 2022 11 FEB 1984 PS 84 1 112

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
112	1	0	-0.169	-0.169	1.71	1.71	34.320	27.566	29.939	32.285	36.898	51.2	0.000	1447.5	0
112	1	10	-0.163	-0.163	1.73	1.72	34.321	27.566	29.939	32.285	36.898	51.1	0.005	1447.6	9
112	1	20	-0.169	-0.170	1.73	1.71	34.319	27.565	29.938	32.284	36.897	51.2	0.010	1447.8	19
112	1	30	-0.170	-0.171	1.74	1.71	34.320	27.566	29.939	32.285	36.898	51.1	0.015	1447.9	29
112	1	40	-0.164	-0.165	1.75	1.72	34.320	27.566	29.939	32.285	36.898	51.1	0.021	1448.1	39
112	1	50	-0.162	-0.164	1.76	1.72	34.321	27.566	29.939	32.285	36.898	51.0	0.026	1448.3	49
112	1	60	-0.505	-0.507	1.42	1.38	34.345	27.602	29.980	32.331	36.954	47.6	0.031	1446.9	59
112	1	70	-0.616	-0.618	1.32	1.27	34.361	27.620	30.000	32.352	36.978	45.9	0.035	1446.6	69
112	1	80	-0.674	-0.676	1.27	1.21	34.387	27.643	30.024	32.377	37.005	43.6	0.040	1446.5	79
112	1	90	-0.614	-0.617	1.34	1.27	34.421	27.668	30.048	32.400	37.026	41.2	0.044	1447.0	89
112	1	100	-0.865	-0.868	1.10	1.02	34.437	27.692	30.075	32.431	37.064	38.9	0.048	1446.0	98
112	1	125	-1.216	-1.219	0.77	0.68	34.474	27.735	30.124	32.485	37.128	34.6	0.057	1444.8	123
112	1	150	-1.183	-1.187	0.82	0.71	34.497	27.753	30.141	32.501	37.143	32.9	0.066	1445.4	148
112	1	175	-0.539	-0.545	1.49	1.36	34.562	27.779	30.157	32.508	37.130	30.6	0.074	1448.9	173
112	1	200	-0.665	-0.671	1.38	1.23	34.572	27.793	30.173	32.525	37.151	29.2	0.081	1448.7	197
112	1	225	-1.208	-1.214	0.86	0.69	34.551	27.798	30.185	32.547	37.189	28.3	0.088	1446.6	222
112	1	250	-1.413	-1.419	0.67	0.48	34.554	27.807	30.198	32.562	37.211	27.2	0.095	1446.0	247
112	1	275	-1.580	-1.587	0.52	0.32	34.562	27.819	30.213	32.579	37.233	25.8	0.102	1445.6	271
112	1	300	-1.685	-1.692	0.44	0.21	34.568	27.827	30.222	32.591	37.247	24.9	0.108	1445.5	296
112	1	325	-1.756	-1.763	0.39	0.14	34.579	27.838	30.234	32.604	37.263	23.6	0.114	1445.6	321
112	1	350	-1.748	-1.756	0.41	0.15	34.596	27.851	30.248	32.617	37.275	22.2	0.120	1446.1	345
112	1	375	-1.787	-1.796	0.40	0.11	34.613	27.866	30.263	32.633	37.293	20.6	0.125	1446.3	370
112	1	400	-1.875	-1.884	0.33	0.03	34.630	27.883	30.281	32.652	37.314	18.9	0.130	1446.3	395
112	1	425	-1.949	-1.959	0.27	-0.05	34.662	27.911	30.310	32.682	37.346	16.0	0.134	1446.4	420
112	1	450	-1.948	-1.958	0.30	-0.04	34.699	27.941	30.340	32.712	37.375	13.0	0.138	1446.9	444
112	1	475	-1.926	-1.937	0.34	-0.02	34.727	27.963	30.362	32.733	37.396	10.8	0.141	1447.4	469
112	1	500	-1.936	-1.948	0.35	-0.03	34.750	27.982	30.381	32.752	37.415	8.9	0.144	1447.8	494
112	1	550	-1.918	-1.931	0.41	-0.01	34.782	28.008	30.406	32.777	37.439	6.3	0.147	1448.8	543
112	1	572	-1.917	-1.931	0.42	-0.01	34.783	28.008	30.407	32.778	37.440	6.1	0.149	1449.2	565

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
112	1	26	-0.093	-0.094	34.323	27.565					269	268					11	26
112		28	-0.092	-0.093	34.325	27.566	8.10	21.4	1.66	66.5			2137	2326		1.97	12	28
112		124	-1.111	-1.114	34.478	27.735	5.92	26.9	2.20	77.7			2224	2333	2.55	1.26	10	122
112	1	125	-1.110	-1.113	34.471	27.729					447	446					9	124
112	1	208	-0.483	-0.490	34.569	27.782					475	465					7	206
112		208	-0.483	-0.490	34.566	27.780	5.54	30.6	2.23	86.7			2231	2338	1.60	0.82	8	206
112		311	-1.679	-1.686	34.562	27.822	6.29	30.4	2.19	79.2			2245	2364	2.46	1.18	6	308
112	1	311	-1.679	-1.686	34.569	27.827					449	418					5	308
112	1	443	-1.940	-1.950	34.696	27.938					452	415					3	438
112		443	-1.940	-1.950	34.693	27.936	6.46	30.5	2.19	79.2			2229	2346	2.25	1.17	4	438
112		560	-1.917	-1.931	34.785	28.010		30.8	2.22	80.6			2237	2353	2.28	1.15	2	553
112	1	563	-1.917	-1.931	34.780	28.006					458	422					1	556

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-75.368 -176.578 571 3 998 80 10 -1. 2114 11 FEB 1984 PS 84 2 112

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
112	2	0	-0.083	-0.083	1.80	1.80	34.323	27.564	29.936	32.281	36.891	51.3	0.000	1447.9	0
112	2	10	-0.084	-0.084	1.81	1.80	34.322	27.563	29.935	32.280	36.890	51.4	0.005	1448.0	9
112	2	20	-0.084	-0.085	1.81	1.80	34.323	27.564	29.936	32.281	36.891	51.3	0.010	1448.2	19
112	2	30	-0.092	-0.093	1.81	1.79	34.322	27.564	29.935	32.281	36.891	51.3	0.015	1448.3	29
112	2	40	-0.094	-0.095	1.82	1.79	34.321	27.563	29.935	32.280	36.891	51.4	0.021	1448.4	39
112	2	50	-0.094	-0.096	1.83	1.79	34.324	27.565	29.937	32.282	36.893	51.1	0.026	1448.6	49
112	2	60	-0.138	-0.140	1.79	1.75	34.327	27.570	29.943	32.288	36.900	50.7	0.031	1448.6	59
112	2	70	-0.347	-0.349	1.59	1.54	34.346	27.596	29.971	32.320	36.938	48.2	0.036	1447.8	69
112	2	80	-0.599	-0.601	1.35	1.29	34.351	27.611	29.990	32.343	36.969	46.7	0.040	1446.8	79
112	2	90	-0.874	-0.877	1.08	1.01	34.375	27.642	30.026	32.382	37.016	43.7	0.045	1445.7	89
112	2	100	-1.075	-1.078	0.89	0.81	34.413	27.681	30.067	32.427	37.066	39.9	0.049	1445.0	98
112	2	125	-1.110	-1.113	0.88	0.78	34.471	27.729	30.116	32.476	37.115	35.2	0.059	1445.3	123
112	2	150	-0.751	-0.755	1.26	1.14	34.530	27.763	30.144	32.498	37.126	32.1	0.067	1447.5	148
112	2	175	-0.674	-0.679	1.35	1.22	34.545	27.772	30.151	32.504	37.130	31.3	0.075	1448.3	173
112	2	200	-0.526	-0.532	1.52	1.37	34.565	27.781	30.159	32.509	37.131	30.4	0.083	1449.4	197
112	2	225	-0.654	-0.661	1.41	1.24	34.568	27.789	30.169	32.521	37.147	29.5	0.090	1449.2	222
112	2	250	-0.787	-0.795	1.30	1.11	34.571	27.797	30.179	32.533	37.163	28.6	0.097	1449.0	247
112	2	275	-0.670	-0.679	1.44	1.23	34.589	27.807	30.187	32.539	37.165	27.7	0.104	1450.0	271
112	2	300	-1.649	-1.656	0.47	0.25	34.552	27.813	30.208	32.576	37.231	26.2	0.111	1445.7	296



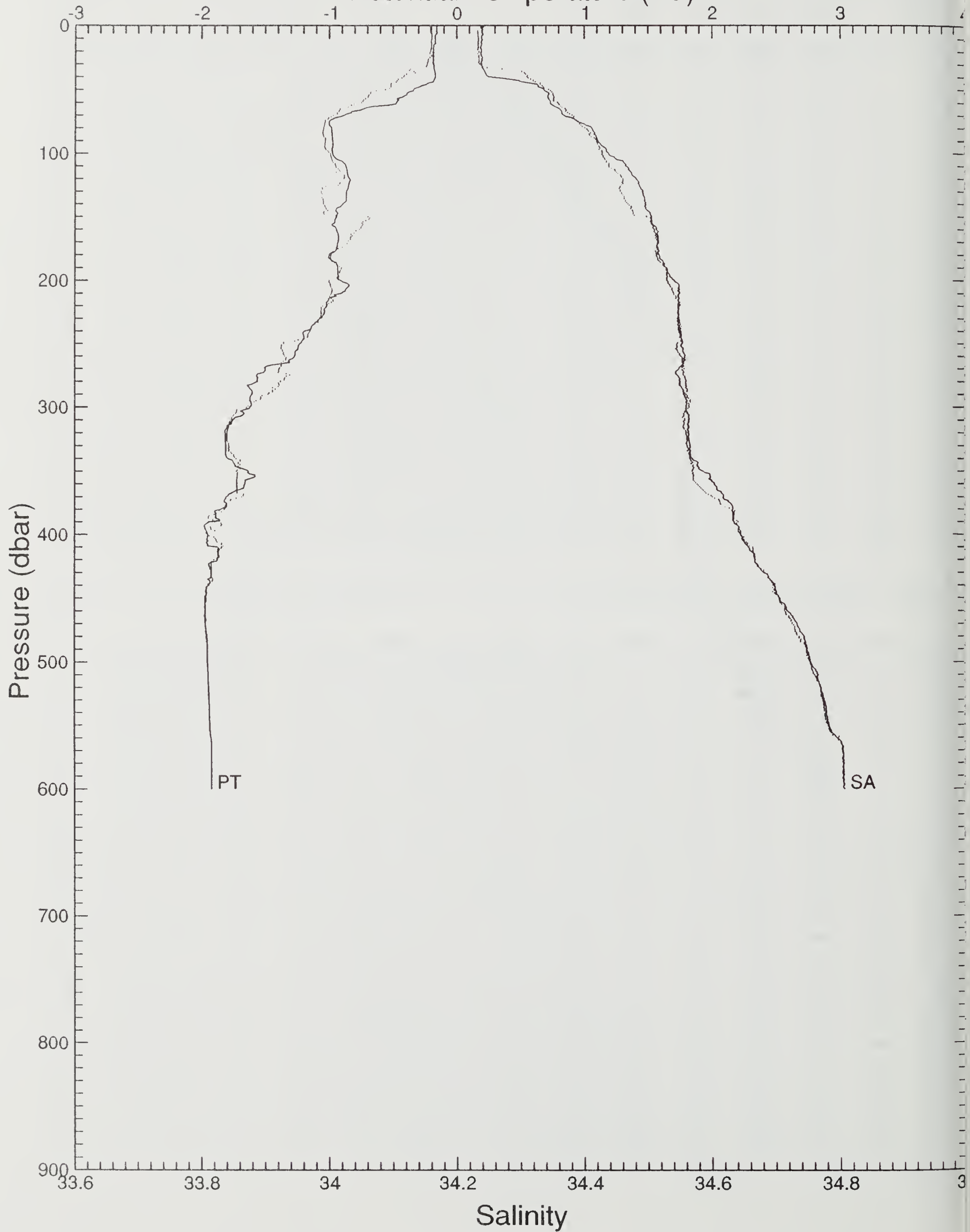
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.550	-176.543	599	8	998	100	8	-1.		2239	11	FEB	1984	PS	84	1	113

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
113	1	0	-0.505	-0.505	1.37	1.37	34.202	27.486	29.865	32.217	36.841	58.7	0.000	1445.7	0
113	1	10	-0.510	-0.510	1.37	1.37	34.198	27.483	29.862	32.214	36.838	59.0	0.006	1445.9	9
113	1	20	-0.510	-0.511	1.38	1.37	34.202	27.487	29.865	32.217	36.841	58.6	0.012	1446.0	19
113	1	30	-0.765	-0.766	1.14	1.11	34.237	27.526	29.908	32.264	36.895	54.9	0.017	1445.1	29
113	1	40	-0.916	-0.917	0.99	0.96	34.270	27.559	29.943	32.301	36.937	51.7	0.023	1444.6	39
113	1	50	-1.147	-1.148	0.77	0.73	34.290	27.583	29.972	32.333	36.975	49.3	0.028	1443.7	49
113	1	60	-1.253	-1.254	0.68	0.63	34.306	27.600	29.990	32.353	36.998	47.6	0.033	1443.3	59
113	1	70	-1.357	-1.359	0.58	0.53	34.313	27.609	30.001	32.365	37.014	46.7	0.037	1443.0	69
113	1	80	-1.450	-1.452	0.49	0.43	34.321	27.619	30.012	32.377	37.029	45.7	0.042	1442.7	79
113	1	90	-1.480	-1.482	0.47	0.40	34.330	27.627	30.020	32.387	37.039	44.9	0.047	1442.8	89
113	1	100	-1.440	-1.442	0.52	0.44	34.339	27.633	30.026	32.391	37.042	44.3	0.051	1443.1	98
113	1	125	-1.195	-1.198	0.78	0.69	34.371	27.651	30.039	32.401	37.044	42.6	0.062	1444.8	123
113	1	150	-0.963	-0.967	1.04	0.93	34.412	27.676	30.060	32.418	37.054	40.3	0.072	1446.3	148
113	1	175	-0.986	-0.991	1.04	0.91	34.446	27.704	30.089	32.447	37.084	37.5	0.082	1446.7	173
113	1	200	-0.771	-0.777	1.27	1.12	34.490	27.731	30.113	32.467	37.097	35.0	0.091	1448.1	197
113	1	225	-0.843	-0.850	1.22	1.05	34.511	27.751	30.134	32.489	37.121	33.0	0.100	1448.2	222
113	1	250	-0.654	-0.662	1.43	1.24	34.544	27.770	30.149	32.502	37.128	31.2	0.107	1449.6	247
113	1	275	-0.676	-0.685	1.43	1.22	34.549	27.775	30.155	32.508	37.134	30.7	0.115	1449.9	271
113	1	300	-0.662	-0.672	1.46	1.23	34.556	27.780	30.160	32.512	37.138	30.2	0.123	1450.4	296
113	1	325	-0.574	-0.585	1.57	1.32	34.563	27.782	30.160	32.512	37.135	30.0	0.130	1451.2	321
113	1	350	-0.655	-0.666	1.51	1.24	34.570	27.791	30.171	32.523	37.149	29.0	0.138	1451.2	345
113	1	375	-1.023	-1.034	1.16	0.87	34.548	27.788	30.174	32.532	37.169	28.8	0.145	1449.9	370
113	1	400	-1.411	-1.422	0.79	0.49	34.561	27.813	30.204	32.568	37.217	26.0	0.152	1448.5	395
113	1	425	-1.530	-1.541	0.69	0.37	34.571	27.825	30.218	32.584	37.236	24.6	0.158	1448.3	420
113	1	450	-1.760	-1.771	0.48	0.14	34.582	27.840	30.237	32.607	37.266	22.7	0.164	1447.6	444
113	1	475	-1.796	-1.807	0.46	0.10	34.616	27.869	30.266	32.636	37.296	19.8	0.169	1447.9	469
113	1	500	-1.820	-1.832	0.46	0.08	34.637	27.887	30.284	32.655	37.315	18.0	0.174	1448.2	494
113	1	550	-1.937	-1.950	0.38	-0.03	34.685	27.929	30.328	32.700	37.364	13.6	0.182	1448.6	543
113	1	595	-1.904	-1.919	0.45	0.01	34.772	27.999	30.397	32.768	37.430	6.8	0.187	1449.6	587

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.570	-176.578	599	8	998	100	8	-1.		2305	11	FEB	1984	PS	84	2	113

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
113	2	0	-0.588	-0.588	1.29	1.29	34.191	27.481	29.861	32.214	36.841	59.2	0.000	1445.3	0
113	2	10	-0.589	-0.589	1.29	1.29	34.187	27.478	29.858	32.211	36.838	59.5	0.006	1445.5	9
113	2	20	-0.593	-0.594	1.30	1.28	34.186	27.477	29.857	32.210	36.837	59.5	0.012	1445.6	19
113	2	30	-0.654	-0.655	1.24	1.22	34.188	27.481	29.862	32.217	36.845	59.1	0.018	1445.5	29
113	2	40	-1.012	-1.013	0.90	0.87	34.270	27.562	29.948	32.308	36.946	51.4	0.023	1444.1	39
113	2	50	-1.141	-1.142	0.78	0.74	34.288	27.582	29.970	32.331	36.973	49.5	0.028	1443.7	49
113	2	60	-1.329	-1.330	0.60	0.55	34.307	27.604	29.994	32.358	37.006	47.3	0.033	1443.0	59
113	2	70	-1.462	-1.464	0.47	0.42	34.316	27.615	30.008	32.374	37.026	46.1	0.038	1442.5	69
113	2	80	-1.461	-1.463	0.48	0.42	34.323	27.621	30.014	32.380	37.031	45.6	0.043	1442.7	79
113	2	90	-1.348	-1.350	0.60	0.54	34.339	27.630	30.021	32.385	37.034	44.6	0.047	1443.4	89
113	2	100	-1.352	-1.354	0.61	0.53	34.348	27.638	30.029	32.393	37.041	43.9	0.051	1443.6	98
113	2	125	-1.158	-1.161	0.82	0.73	34.377	27.654	30.042	32.403	37.046	42.3	0.062	1444.9	123
113	2	150	-0.976	-0.980	1.03	0.91	34.419	27.682	30.067	32.425	37.061	39.7	0.072	1446.3	148
113	2	175	-0.991	-0.996	1.03	0.90	34.454	27.711	30.096	32.454	37.090	36.8	0.082	1446.6	173
113	2	200	-0.919	-0.925	1.12	0.97	34.477	27.727	30.110	32.467	37.101	35.3	0.091	1447.4	197
113	2	225	-0.782	-0.789	1.28	1.11	34.512	27.749	30.131	32.486	37.115	33.2	0.100	1448.5	222
113	2	250	-0.686	-0.694	1.40	1.21	34.531	27.761	30.141	32.494	37.121	32.1	0.108	1449.4	247
113	2	275	-0.677	-0.686	1.43	1.22	34.548	27.774	30.154	32.507	37.133	30.8	0.116	1449.9	271
113	2	300	-0.700	-0.710	1.42	1.20	34.552	27.778	30.159	32.512	37.139	30.3	0.123	1450.2	296
113	2	325	-0.730	-0.740	1.41	1.17	34.556	27.783	30.164	32.517	37.145	29.8	0.131	1450.4	321
113	2	350	-0.691	-0.702	1.47	1.21	34.569	27.792	30.172	32.525	37.152	28.9	0.138	1451.1	345
113	2	375	-1.327	-1.337	0.85	0.57	34.547	27.799	30.188	32.552	37.197	27.5	0.145	1448.4	370
113	2	400	-1.515	-1.525	0.68	0.38	34.556	27.812	30.205	32.571	37.222	25.9	0.152	1448.0	395
113	2	425	-1.648	-1.659	0.57	0.25	34.568	27.826	30.221	32.589	37.244	24.3	0.158	1447.8	420
113	2	450	-1.774	-1.785	0.46	0.13	34.596	27.852	30.249	32.619	37.278	21.6	0.164	1447.6	444
113	2	475	-1.780	-1.792	0.48	0.12	34.624	27.875	30.272	32.642	37.301	19.3	0.169	1448.0	469
113	2	500	-1.853	-1.865	0.43	0.05	34.640	27.890	30.288	32.659	37.320	17.6	0.174	1448.1	494
113	2	550	-1.969	-1.982	0.35	-0.07	34.676	27.923	30.322	32.695	37.359	14.1	0.181	1448.4	543
113	2	595	-1.905	-1.920	0.45	0.00	34.769	27.997	30.395	32.766	37.428	7.1	0.186	1449.6	587

Potential Temperature (°C)



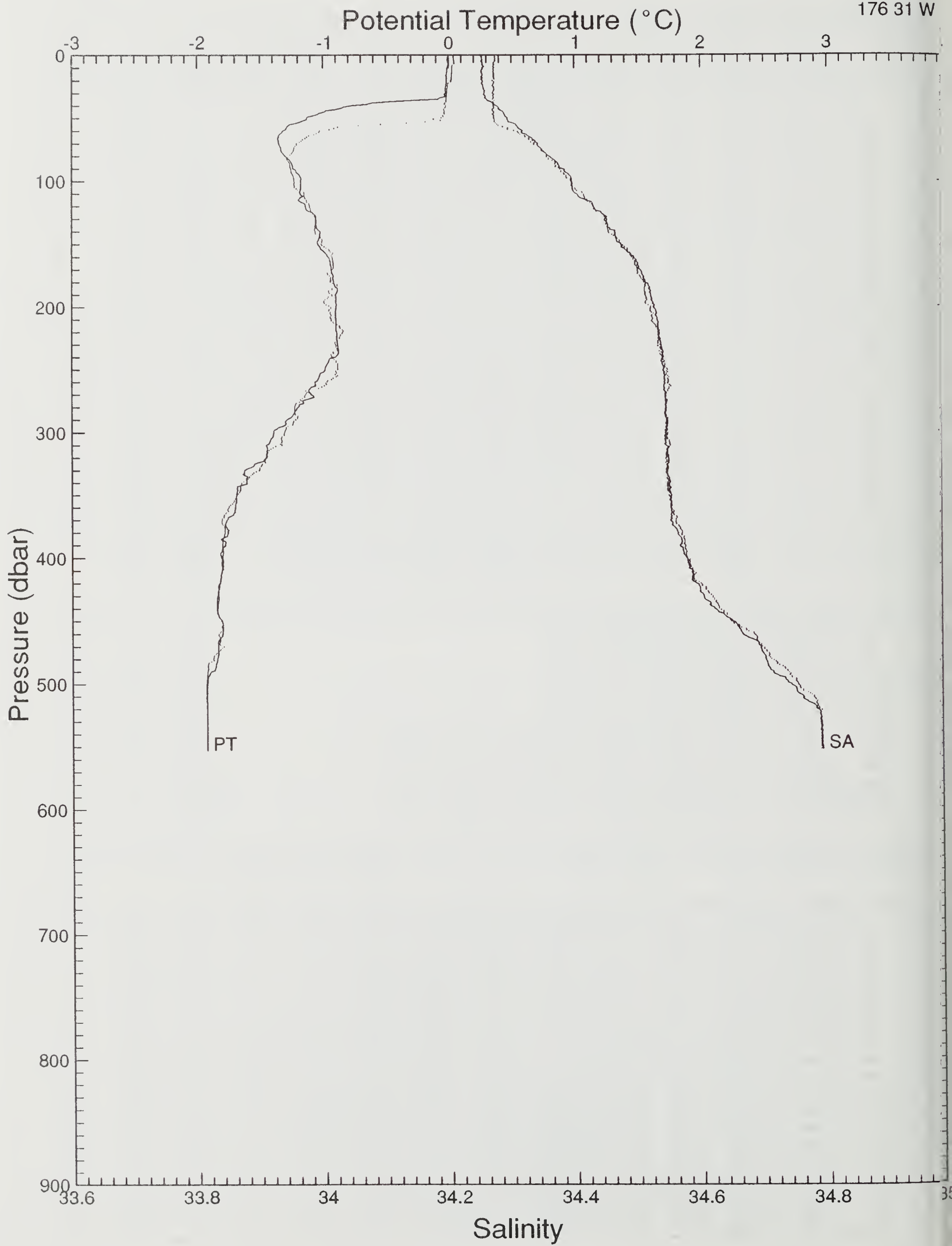
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.813	-176.507	600		997	60	10	-1.		0032	12	FEB	1984	PS	84	1	114

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
114	1	0	-0.159	-0.159	1.72	1.72	34.241	27.502	29.875	32.221	36.835	57.3	0.000	1447.4	0
114	1	10	-0.170	-0.170	1.72	1.71	34.239	27.500	29.874	32.220	36.834	57.3	0.006	1447.5	9
114	1	20	-0.183	-0.184	1.71	1.70	34.239	27.501	29.875	32.222	36.836	57.3	0.012	1447.6	19
114	1	30	-0.182	-0.183	1.72	1.70	34.239	27.501	29.875	32.221	36.836	57.2	0.017	1447.8	29
114	1	40	-0.166	-0.167	1.74	1.71	34.250	27.509	29.882	32.229	36.843	56.5	0.023	1448.0	39
114	1	50	-0.337	-0.339	1.58	1.55	34.337	27.588	29.963	32.312	36.930	49.0	0.028	1447.5	49
114	1	60	-0.471	-0.473	1.46	1.41	34.347	27.602	29.980	32.330	36.952	47.6	0.033	1447.1	59
114	1	70	-0.883	-0.885	1.06	1.00	34.368	27.637	30.020	32.377	37.011	44.2	0.038	1445.3	69
114	1	80	-0.980	-0.982	0.97	0.91	34.412	27.676	30.061	32.419	37.056	40.4	0.042	1445.1	79
114	1	90	-0.971	-0.973	0.99	0.92	34.422	27.684	30.069	32.427	37.063	39.7	0.046	1445.3	89
114	1	100	-0.970	-0.973	1.00	0.92	34.439	27.698	30.082	32.440	37.076	38.3	0.050	1445.5	98
114	1	125	-0.844	-0.848	1.14	1.05	34.487	27.732	30.114	32.470	37.102	35.1	0.059	1446.6	123
114	1	150	-0.937	-0.941	1.07	0.96	34.506	27.751	30.135	32.492	37.126	33.2	0.067	1446.6	148
114	1	175	-0.937	-0.942	1.09	0.96	34.516	27.759	30.143	32.500	37.134	32.3	0.076	1447.0	173
114	1	200	-0.901	-0.907	1.15	0.99	34.542	27.779	30.162	32.518	37.151	30.4	0.083	1447.6	197
114	1	225	-1.029	-1.035	1.04	0.87	34.548	27.788	30.174	32.532	37.169	29.3	0.091	1447.4	222
114	1	250	-1.222	-1.229	0.86	0.68	34.554	27.800	30.189	32.550	37.193	28.0	0.098	1446.9	247
114	1	275	-1.561	-1.568	0.54	0.33	34.546	27.805	30.199	32.565	37.218	27.1	0.105	1445.7	271
114	1	300	-1.615	-1.622	0.51	0.28	34.560	27.818	30.213	32.580	37.235	25.7	0.112	1445.9	296
114	1	325	-1.804	-1.811	0.34	0.09	34.564	27.827	30.224	32.595	37.255	24.6	0.118	1445.4	321
114	1	350	-1.620	-1.629	0.54	0.28	34.587	27.840	30.235	32.602	37.257	23.4	0.124	1446.7	345
114	1	375	-1.794	-1.803	0.39	0.11	34.629	27.880	30.276	32.646	37.306	19.4	0.129	1446.3	370
114	1	400	-1.940	-1.949	0.26	-0.04	34.645	27.896	30.296	32.668	37.332	17.5	0.134	1446.0	395
114	1	425	-1.928	-1.938	0.29	-0.03	34.671	27.917	30.316	32.688	37.351	15.4	0.138	1446.5	420
114	1	450	-1.953	-1.963	0.29	-0.05	34.706	27.946	30.346	32.718	37.382	12.5	0.141	1446.9	444
114	1	475	-1.952	-1.963	0.31	-0.05	34.737	27.972	30.371	32.743	37.406	10.0	0.144	1447.3	469
114	1	500	-1.939	-1.951	0.35	-0.03	34.754	27.985	30.384	32.756	37.419	8.6	0.147	1447.8	494
114	1	550	-1.919	-1.932	0.40	-0.01	34.782	28.008	30.406	32.777	37.439	6.3	0.150	1448.8	543
114	1	600	-1.902	-1.917	0.46	0.01	34.807	28.027	30.425	32.796	37.458	4.2	0.153	1449.7	592

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
114		22	-0.212	-0.213	34.233	27.498	8.26										12	21
114		88	-1.028	-1.030	34.413	27.679	6.28								2.56	1.24	11	87
114		142	-1.027	-1.031	34.480	27.733	6.05								2.28	1.07	10	140
114	4	181	-0.982	-0.987	34.517	27.761	5.25								2.06	1.00	9	180
114		236	-1.130	-1.136	34.552	27.795	5.93								2.11	1.02	8	234
114		301	-1.640	-1.647	34.561	27.820	6.39								2.49	1.16	7	298
114		328	-1.779	-1.786	34.565	27.827	6.46	30.3	2.16	76.2					2.57	1.24	6	324
114		408	-1.832	-1.842	34.663	27.908	6.43	30.6	2.18	78.7					2.32	1.09	5	404
114		460	-1.958	-1.968	34.714	27.953	6.44	30.6	2.18	78.4					2.26	1.12	4	454
114		508	-1.934	-1.946	34.768	27.996	6.43	30.8	2.20	80.0					2.29	1.12	3	502
114		559	-1.908	-1.922	34.794	28.017	6.45	30.8	2.21	80.5					2.41	1.19	2	552
114		602	-1.903	-1.918	34.808	28.028	6.45	30.8	2.21	81.0					2.51	1.21	1	595

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.825	-176.580	600		996	60	8	-1.		0132	12	FEB	1984	PS	84	2	114

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
114	2	0	-0.207	-0.207	1.67	1.67	34.238	27.501	29.875	32.223	36.837	57.3	0.000	1447.2	0
114	2	10	-0.196	-0.196	1.69	1.68	34.234	27.498	29.871	32.219	36.833	57.6	0.006	1447.4	9
114	2	20	-0.205	-0.206	1.69	1.67	34.235	27.499	29.873	32.220	36.835	57.5	0.012	1447.5	19
114	2	30	-0.232	-0.233	1.67	1.65	34.236	27.501	29.875	32.223	36.839	57.2	0.017	1447.5	29
114	2	40	-0.416	-0.417	1.50	1.47	34.310	27.570	29.946	32.296	36.917	50.7	0.023	1446.9	39
114	2	50	-0.558	-0.560	1.36	1.33	34.344	27.604	29.982	32.334	36.959	47.5	0.028	1446.5	49
114	2	60	-0.747	-0.749	1.18	1.14	34.358	27.623	30.005	32.360	36.989	45.6	0.032	1445.8	59
114	2	70	-0.967	-0.969	0.97	0.92	34.381	27.651	30.035	32.394	37.030	42.9	0.037	1444.9	69
114	2	80	-1.042	-1.044	0.91	0.85	34.401	27.670	30.056	32.415	37.053	41.0	0.041	1444.8	79
114	2	90	-1.029	-1.031	0.93	0.86	34.420	27.685	30.070	32.429	37.067	39.6	0.045	1445.0	89
114	2	100	-0.988	-0.991	0.98	0.90	34.429	27.690	30.075	32.434	37.070	39.0	0.049	1445.4	98
114	2	125	-0.927	-0.930	1.06	0.96	34.459	27.712	30.096	32.453	37.088	36.9	0.058	1446.1	123
114	2	150	-0.690	-0.695	1.32	1.20	34.498	27.734	30.114	32.468	37.095	34.8	0.067	1447.7	148
114	2	175	-0.925	-0.930	1.10	0.97	34.515	27.758	30.141	32.498	37.132	32.4	0.076	1447.0	173
114	2	200	-0.992	-0.998	1.05	0.90	34.530	27.772	30.157	32.515	37.151	30.9	0.084	1447.1	197
114	2	225	-1.056	-1.062	1.01	0.84	34.547	27.789	30.174	32.533	37.171	29.3	0.091	1447.3	222
114	2	250	-1.348	-1.354	0.74	0.55	34.546	27.798	30.189	32.552	37.198	28.1	0.098	1446.3	247
114	2	275	-1.301	-1.308	0.80	0.60	34.556	27.805	30.194	32.557	37.202	27.4	0.105	1446.9	271
114	2	300	-1.639	-1.646	0.48	0.26	34.565	27.823	30.218	32.586	37.241	25.3	0.112	1445.7	296

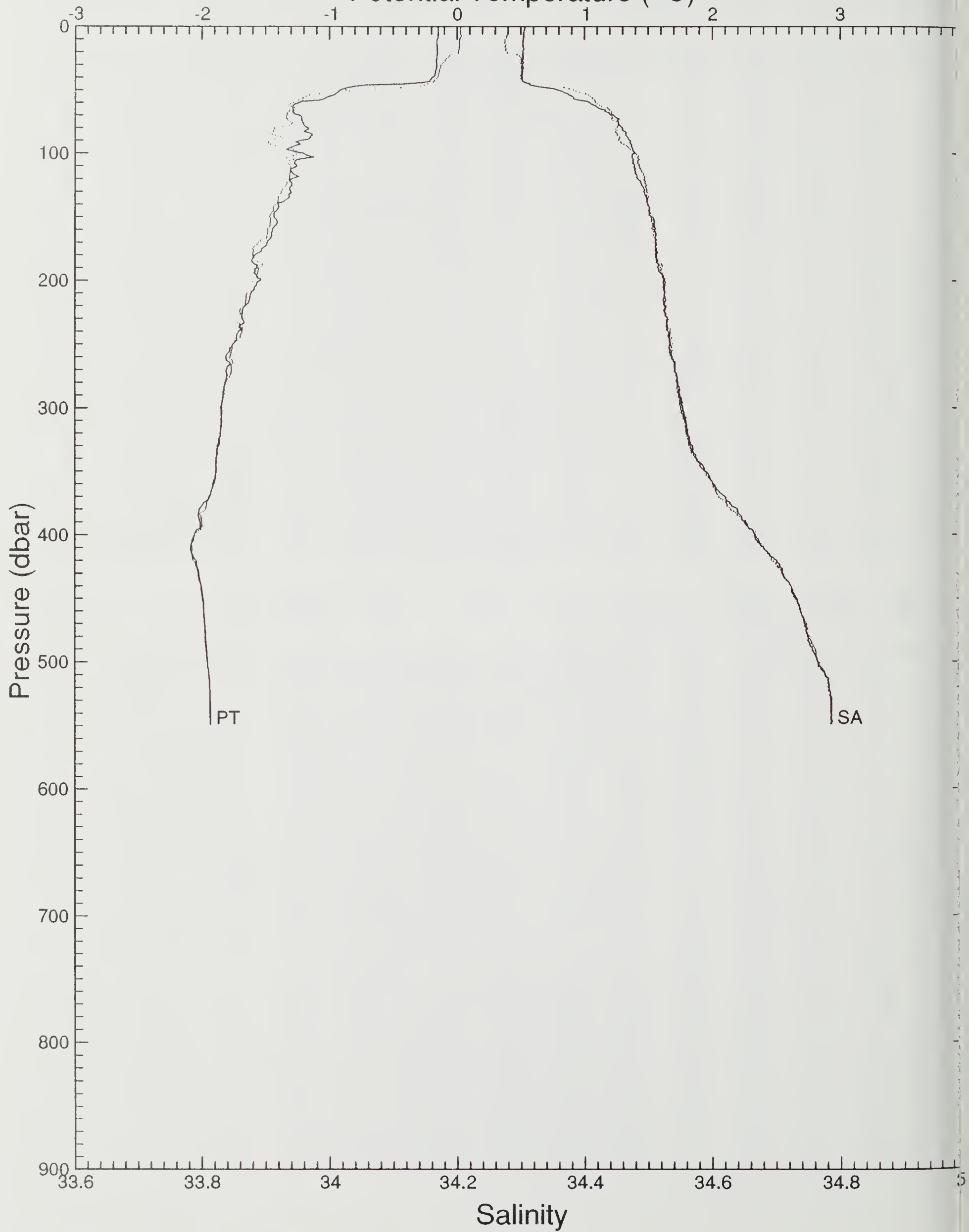


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.130	-176.517	553		995	50	8	-1.		0314	12	FEB	1984	PS	84	1	115

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
115	1	0	-0.007	-0.007	1.87	1.87	34.255	27.505	29.876	32.220	36.829	56.9	0.000	1448.1	0
115	1	10	-0.009	-0.009	1.88	1.87	34.254	27.504	29.875	32.219	36.828	57.0	0.006	1448.3	9
115	1	20	-0.013	-0.014	1.88	1.87	34.254	27.505	29.876	32.220	36.829	56.9	0.011	1448.4	19
115	1	30	-0.021	-0.022	1.88	1.86	34.257	27.508	29.879	32.223	36.832	56.7	0.017	1448.5	29
115	1	40	-0.772	-0.773	1.14	1.11	34.276	27.558	29.940	32.296	36.927	51.8	0.023	1445.2	39
115	1	50	-1.127	-1.128	0.79	0.75	34.294	27.586	29.974	32.335	36.976	49.1	0.028	1443.8	49
115	1	60	-1.318	-1.319	0.61	0.56	34.318	27.612	30.003	32.367	37.014	46.5	0.032	1443.0	59
115	1	70	-1.347	-1.349	0.59	0.54	34.342	27.633	30.024	32.388	37.036	44.5	0.037	1443.1	69
115	1	80	-1.293	-1.295	0.65	0.59	34.359	27.645	30.035	32.398	37.044	43.3	0.041	1443.5	79
115	1	90	-1.234	-1.236	0.72	0.65	34.378	27.658	30.047	32.409	37.054	42.1	0.046	1444.0	89
115	1	100	-1.171	-1.174	0.79	0.72	34.395	27.669	30.058	32.419	37.061	40.9	0.050	1444.5	98
115	1	125	-1.080	-1.083	0.90	0.81	34.442	27.704	30.091	32.450	37.089	37.6	0.060	1445.4	123
115	1	150	-1.037	-1.041	0.97	0.85	34.474	27.729	30.114	32.473	37.111	35.2	0.069	1446.0	148
115	1	175	-0.914	-0.919	1.11	0.98	34.508	27.751	30.135	32.492	37.126	33.0	0.077	1447.1	173
115	1	200	-0.893	-0.899	1.15	1.00	34.526	27.765	30.148	32.505	37.138	31.7	0.085	1447.6	197
115	1	225	-0.884	-0.891	1.18	1.01	34.534	27.771	30.154	32.511	37.143	31.0	0.093	1448.1	222
115	1	250	-0.979	-0.986	1.10	0.92	34.541	27.781	30.165	32.523	37.158	30.0	0.101	1448.0	247
115	1	275	-1.156	-1.164	0.95	0.74	34.546	27.792	30.179	32.539	37.180	28.7	0.108	1447.6	271
115	1	300	-1.386	-1.394	0.74	0.51	34.544	27.798	30.189	32.553	37.200	27.8	0.115	1446.9	296
115	1	325	-1.539	-1.547	0.60	0.36	34.548	27.806	30.199	32.566	37.218	26.8	0.122	1446.6	321
115	1	350	-1.680	-1.688	0.48	0.22	34.551	27.813	30.208	32.577	37.233	25.9	0.128	1446.3	345
115	1	375	-1.770	-1.779	0.41	0.13	34.553	27.817	30.214	32.584	37.243	25.3	0.135	1446.3	370
115	1	400	-1.801	-1.810	0.40	0.10	34.575	27.836	30.233	32.603	37.264	23.4	0.141	1446.6	395
115	1	425	-1.824	-1.834	0.39	0.08	34.597	27.854	30.252	32.623	37.283	21.4	0.147	1446.9	420
115	1	450	-1.795	-1.806	0.45	0.11	34.647	27.894	30.291	32.661	37.320	17.6	0.151	1447.6	444
115	1	475	-1.827	-1.838	0.44	0.08	34.694	27.933	30.331	32.701	37.361	13.8	0.155	1447.9	469
115	1	500	-1.914	-1.926	0.37	-0.01	34.735	27.969	30.368	32.739	37.401	10.1	0.158	1447.9	494
115	1	550	-1.914	-1.927	0.41	0.00	34.789	28.013	30.411	32.782	37.444	5.7	0.162	1448.8	543
115	1	553	-1.914	-1.927	0.41	0.00	34.790	28.014	30.412	32.783	37.445	5.7	0.163	1448.9	546

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.148	-176.505	553		995	40	8	-1.		0337	12	FEB	1984	PS	84	2	115

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
115	2	0	0.040	0.040	1.92	1.92	34.275	27.519	29.889	32.232	36.840	55.6	0.000	1448.4	0
115	2	10	0.028	0.028	1.92	1.91	34.272	27.517	29.887	32.231	36.839	55.8	0.006	1448.5	9
115	2	20	0.021	0.020	1.92	1.90	34.270	27.516	29.886	32.230	36.838	55.9	0.011	1448.6	19
115	2	30	-0.012	-0.013	1.89	1.87	34.270	27.518	29.888	32.233	36.841	55.7	0.017	1448.6	29
115	2	40	-0.020	-0.021	1.89	1.86	34.271	27.519	29.890	32.234	36.843	55.6	0.022	1448.7	39
115	2	50	-0.055	-0.057	1.86	1.83	34.272	27.521	29.893	32.238	36.848	55.3	0.028	1448.7	49
115	2	60	-1.023	-1.025	0.91	0.86	34.304	27.590	29.976	32.336	36.974	48.6	0.033	1444.4	59
115	2	70	-1.205	-1.207	0.73	0.68	34.336	27.623	30.012	32.374	37.017	45.5	0.038	1443.8	69
115	2	80	-1.267	-1.269	0.68	0.62	34.356	27.641	30.031	32.394	37.039	43.7	0.042	1443.7	79
115	2	90	-1.253	-1.255	0.70	0.63	34.375	27.656	30.046	32.408	37.053	42.2	0.047	1443.9	89
115	2	100	-1.225	-1.228	0.74	0.66	34.394	27.671	30.059	32.422	37.065	40.8	0.051	1444.2	98
115	2	125	-1.088	-1.091	0.90	0.80	34.435	27.699	30.086	32.445	37.085	38.1	0.061	1445.3	123
115	2	150	-1.010	-1.014	0.99	0.88	34.474	27.728	30.113	32.471	37.108	35.3	0.070	1446.2	148
115	2	175	-0.943	-0.948	1.08	0.95	34.503	27.749	30.133	32.490	37.124	33.3	0.078	1446.9	173
115	2	200	-0.931	-0.937	1.11	0.96	34.521	27.763	30.147	32.504	37.138	31.9	0.086	1447.4	197
115	2	225	-0.865	-0.872	1.20	1.03	34.533	27.770	30.153	32.509	37.141	31.2	0.094	1448.2	222
115	2	250	-0.878	-0.885	1.21	1.02	34.546	27.781	30.164	32.520	37.152	30.0	0.102	1448.5	247
115	2	275	-1.167	-1.175	0.94	0.73	34.543	27.790	30.177	32.538	37.179	28.9	0.109	1447.6	271
115	2	300	-1.299	-1.307	0.82	0.60	34.545	27.796	30.185	32.548	37.193	28.1	0.116	1447.3	296
115	2	325	-1.476	-1.484	0.67	0.42	34.543	27.800	30.192	32.558	37.208	27.4	0.123	1446.9	321
115	2	350	-1.678	-1.686	0.48	0.22	34.551	27.813	30.208	32.577	37.233	25.9	0.130	1446.4	345
115	2	375	-1.780	-1.789	0.40	0.12	34.563	27.825	30.222	32.592	37.252	24.5	0.136	1446.3	370
115	2	400	-1.792	-1.801	0.41	0.11	34.576	27.836	30.234	32.604	37.264	23.3	0.142	1446.7	395
115	2	425	-1.826	-1.836	0.39	0.07	34.606	27.862	30.259	32.630	37.291	20.7	0.148	1446.9	420
115	2	450	-1.804	-1.815	0.44	0.10	34.644	27.892	30.289	32.659	37.319	17.8	0.153	1447.5	444
115	2	475	-1.840	-1.851	0.42	0.07	34.702	27.940	30.338	32.708	37.368	13.1	0.157	1447.8	469
115	2	500	-1.921	-1.933	0.36	-0.01	34.750	27.982	30.380	32.751	37.414	9.0	0.159	1447.9	494
115	2	550	-1.914	-1.927	0.41	0.00	34.788	28.012	30.410	32.782	37.444	5.8	0.163	1448.8	543
115	2	553	-1.914	-1.927	0.41	0.00	34.787	28.011	30.410	32.781	37.443	5.9	0.163	1448.9	546

Potential Temperature ($^{\circ}\text{C}$)

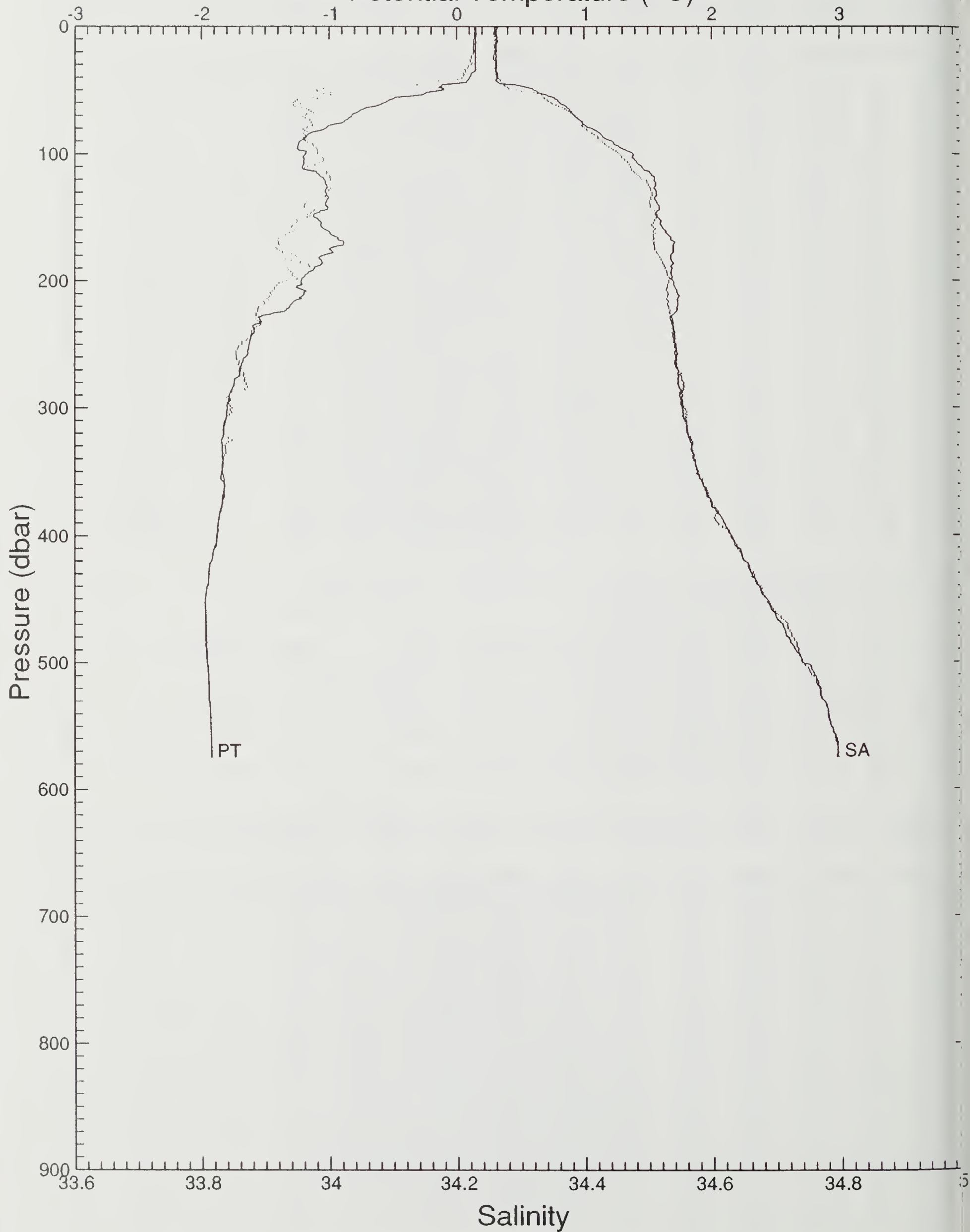
LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-76.550 -176.608 549 994 30 6 0. 0541 12 FEB 1984 PS 84 1 116

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
116	1	0	-0.147	-0.147	1.74	1.74	34.306	27.553	29.926	32.272	36.885	52.3	0.000	1447.5	0
116	1	10	-0.157	-0.157	1.73	1.72	34.304	27.552	29.925	32.271	36.884	52.4	0.005	1447.6	9
116	1	20	-0.155	-0.156	1.74	1.73	34.303	27.551	29.924	32.270	36.883	52.5	0.011	1447.8	19
116	1	30	-0.159	-0.160	1.75	1.72	34.302	27.551	29.924	32.270	36.883	52.5	0.016	1448.0	29
116	1	40	-0.196	-0.197	1.72	1.69	34.303	27.554	29.927	32.274	36.888	52.3	0.021	1448.0	39
116	1	50	-0.914	-0.915	1.01	0.97	34.358	27.630	30.014	32.371	37.006	44.9	0.026	1444.8	49
116	1	60	-1.235	-1.236	0.70	0.65	34.409	27.683	30.072	32.434	37.078	39.8	0.030	1443.6	59
116	1	70	-1.232	-1.234	0.71	0.66	34.446	27.713	30.102	32.464	37.107	36.9	0.034	1443.8	69
116	1	80	-1.161	-1.163	0.79	0.73	34.460	27.722	30.109	32.470	37.112	36.1	0.038	1444.3	79
116	1	90	-1.222	-1.224	0.74	0.67	34.472	27.734	30.122	32.484	37.127	34.9	0.041	1444.2	89
116	1	100	-1.200	-1.203	0.77	0.69	34.479	27.739	30.127	32.488	37.131	34.4	0.045	1444.5	98
116	1	125	-1.288	-1.291	0.70	0.60	34.490	27.751	30.140	32.503	37.148	33.1	0.053	1444.5	123
116	1	150	-1.427	-1.431	0.58	0.47	34.507	27.769	30.161	32.525	37.175	31.2	0.061	1444.2	148
116	1	175	-1.523	-1.527	0.50	0.37	34.514	27.778	30.171	32.537	37.189	30.2	0.069	1444.2	173
116	1	200	-1.533	-1.538	0.51	0.36	34.525	27.787	30.180	32.547	37.199	29.2	0.076	1444.6	197
116	1	225	-1.674	-1.679	0.39	0.22	34.526	27.792	30.188	32.556	37.213	28.5	0.083	1444.3	222
116	1	250	-1.747	-1.753	0.34	0.15	34.535	27.802	30.198	32.568	37.227	27.4	0.090	1444.4	247
116	1	275	-1.793	-1.799	0.31	0.10	34.545	27.811	30.208	32.579	37.239	26.4	0.097	1444.6	271
116	1	300	-1.840	-1.847	0.28	0.06	34.554	27.820	30.218	32.589	37.250	25.4	0.104	1444.8	296
116	1	325	-1.857	-1.864	0.28	0.04	34.565	27.829	30.227	32.599	37.260	24.3	0.110	1445.1	321
116	1	350	-1.877	-1.885	0.28	0.02	34.588	27.848	30.247	32.618	37.281	22.4	0.116	1445.5	345
116	1	375	-1.975	-1.983	0.21	-0.07	34.629	27.884	30.284	32.657	37.322	18.7	0.121	1445.4	370
116	1	400	-2.045	-2.054	0.16	-0.14	34.667	27.917	30.318	32.691	37.358	15.4	0.125	1445.6	395
116	1	425	-2.022	-2.031	0.20	-0.12	34.705	27.947	30.348	32.721	37.387	12.5	0.129	1446.1	420
116	1	450	-1.975	-1.985	0.27	-0.07	34.733	27.969	30.368	32.741	37.405	10.3	0.131	1446.8	444
116	1	475	-1.960	-1.971	0.31	-0.05	34.747	27.980	30.379	32.751	37.415	9.2	0.134	1447.3	469
116	1	500	-1.941	-1.953	0.34	-0.03	34.765	27.994	30.393	32.765	37.428	7.7	0.136	1447.8	494
116	1	549	-1.916	-1.929	0.41	-0.01	34.787	28.012	30.410	32.781	37.443	5.9	0.139	1448.8	542

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
116		22	-0.045	-0.046	34.282	27.529					181	181					11	22
116		22	-0.045	-0.046	34.272	27.521	8.33	13.8	1.26	64.0			2080	2343		2.25	12	22
116		105	-1.277	-1.280	34.482	27.744					466	440					9	104
116		106	-1.308	-1.311	34.483	27.746	6.01	29.4	2.21	77.4			2220	2330	2.35	1.15	10	105
116		207	-1.587	-1.592	34.525	27.789	6.33	30.2	2.20	76.3			2234	2351	2.49	1.21	8	205
116		207	-1.587	-1.592	34.526	27.790					450	420					7	205
116		309	-1.832	-1.839	34.557	27.822	6.49	29.9	2.18	79.5			2211	2317	2.62	1.24	6	305
116	1	309	-1.832	-1.839	34.555	27.820					477	441					5	305
116		412	-2.064	-2.073	34.683	27.930	6.39	30.3	2.22	78.9			2226	2342	2.04	1.01	4	408
116		413	-2.067	-2.076	34.683	27.931					454	415					3	408
116		548	-1.917	-1.930	34.779	28.005	6.37	30.4	2.22	80.9			2232	2344	2.30	1.09	2	542
116		549	-1.917	-1.930	34.787	28.012					468	431					1	542

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-76.550 -176.608 549 993 30 7 0. 0626 12 FEB 1984 PS 84 2 116

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
116	2	0	0.027	0.027	1.91	1.91	34.281	27.524	29.895	32.238	36.846	55.1	0.000	1448.3	0
116	2	10	0.020	0.020	1.91	1.90	34.275	27.520	29.890	32.234	36.842	55.5	0.006	1448.4	9
116	2	20	0.011	0.010	1.91	1.89	34.279	27.524	29.894	32.238	36.846	55.1	0.011	1448.5	19
116	2	30	-0.124	-0.125	1.78	1.76	34.302	27.549	29.922	32.267	36.879	52.7	0.017	1448.1	29
116	2	40	-0.155	-0.156	1.76	1.73	34.301	27.550	29.923	32.269	36.882	52.6	0.022	1448.1	39
116	2	50	-0.869	-0.870	1.06	1.02	34.383	27.648	30.032	32.388	37.022	43.2	0.027	1445.1	49
116	2	60	-1.279	-1.280	0.66	0.61	34.417	27.691	30.081	32.443	37.089	39.0	0.031	1443.4	59
116	2	70	-1.330	-1.332	0.61	0.56	34.441	27.712	30.103	32.466	37.113	37.0	0.034	1443.3	69
116	2	80	-1.429	-1.431	0.52	0.46	34.451	27.724	30.116	32.480	37.130	35.8	0.038	1443.0	79
116	2	90	-1.460	-1.462	0.50	0.43	34.454	27.727	30.119	32.485	37.135	35.4	0.042	1443.0	89
116	2	100	-1.224	-1.227	0.74	0.67	34.480	27.740	30.129	32.490	37.134	34.2	0.045	1444.4	98
116	2	125	-1.335	-1.338	0.65	0.56	34.498	27.759	30.149	32.512	37.159	32.3	0.053	1444.3	123
116	2	150	-1.460	-1.464	0.55	0.43	34.505	27.769	30.161	32.526	37.176	31.2	0.061	1444.1	148
116	2	175	-1.593	-1.597	0.43	0.30	34.513	27.779	30.173	32.541	37.195	30.1	0.069	1443.9	173
116	2	200	-1.580	-1.585	0.47	0.31	34.526	27.789	30.183	32.550	37.204	29.0	0.076	1444.4	197
116	2	225	-1.692	-1.697	0.37	0.20	34.526	27.793	30.189	32.557	37.214	28.5	0.084	1444.2	222
116	2	250	-1.747	-1.753	0.34	0.15	34.539	27.805	30.201	32.571	37.230	27.1	0.091	1444.4	247
116	2	275	-1.773	-1.779	0.33	0.12	34.544	27.810	30.207	32.577	37.236	26.5	0.097	1444.7	271
116	2	300	-1.833	-1.840	0.29	0.06	34.551	27.817	30.215	32.586	37.247	25.6	0.104	1444.8	296
116	2	325	-1.852	-1.859	0.29	0.05	34.562	27.827	30.225	32.596	37.258	24.6	0.110	1445.1	321

Potential Temperature ($^{\circ}\text{C}$)

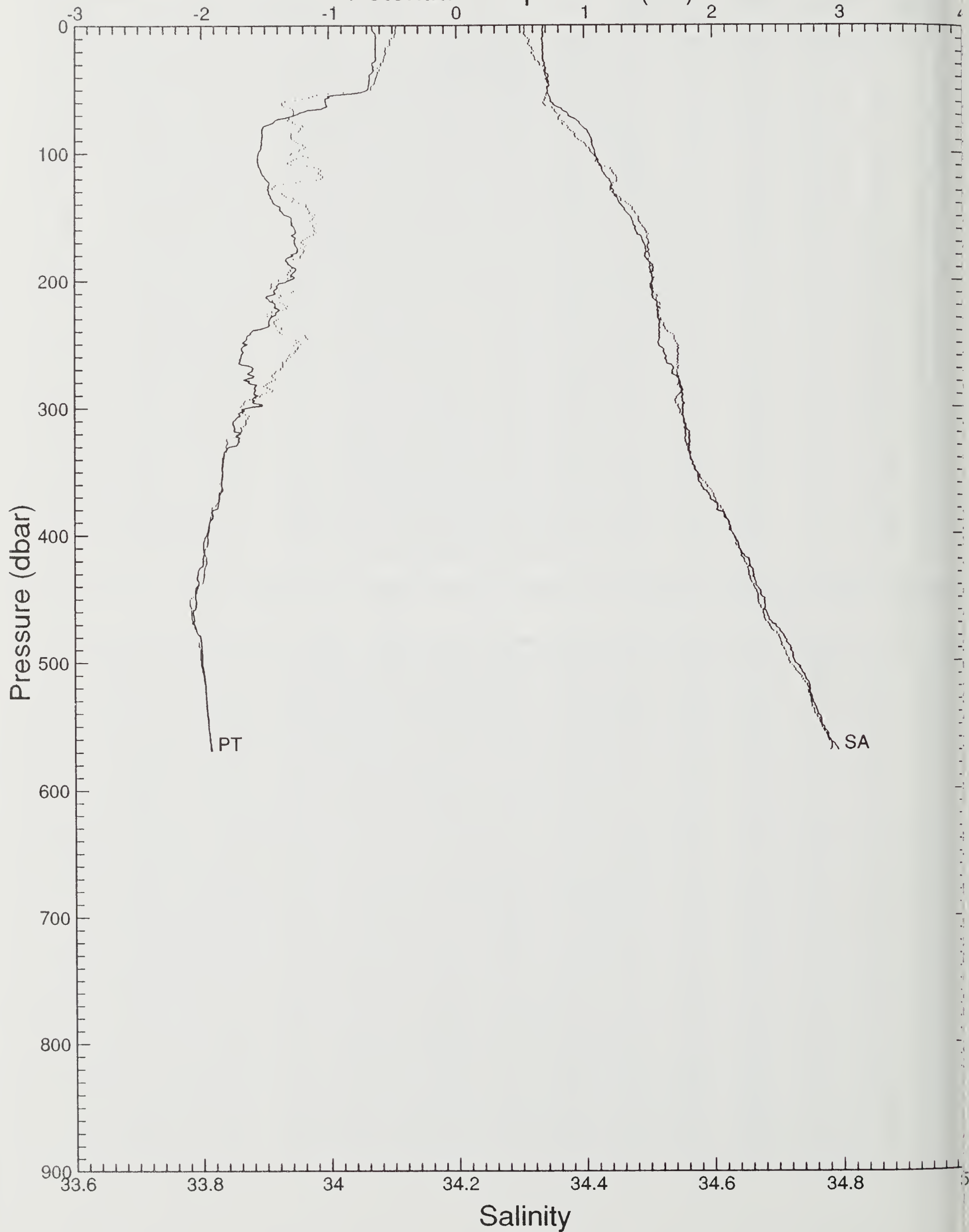
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.822	-177.015	575	3	992	50	5	-1.		0758	12	FEB	1984	PS	84	1	117

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
117	1	0	0.151	0.151	2.03	2.03	34.264	27.504	29.873	32.214	36.818	57.0	0.000	1448.8	0
117	1	10	0.149	0.149	2.04	2.03	34.262	27.503	29.871	32.213	36.817	57.1	0.006	1449.0	9
117	1	20	0.149	0.148	2.04	2.03	34.262	27.503	29.871	32.213	36.817	57.1	0.011	1449.2	19
117	1	30	0.146	0.145	2.05	2.03	34.262	27.503	29.871	32.213	36.818	57.1	0.017	1449.3	29
117	1	40	0.102	0.101	2.01	1.98	34.263	27.506	29.875	32.218	36.823	56.8	0.023	1449.3	39
117	1	50	-0.099	-0.101	1.82	1.78	34.321	27.563	29.935	32.280	36.891	51.4	0.028	1448.6	49
117	1	60	-0.559	-0.561	1.37	1.33	34.362	27.618	29.997	32.349	36.973	46.1	0.033	1446.7	59
117	1	70	-0.820	-0.822	1.12	1.07	34.386	27.649	30.031	32.387	37.019	43.1	0.038	1445.6	69
117	1	80	-1.020	-1.022	0.93	0.87	34.411	27.677	30.063	32.421	37.059	40.4	0.042	1444.9	79
117	1	90	-1.223	-1.225	0.73	0.67	34.443	27.710	30.099	32.461	37.104	37.1	0.046	1444.1	89
117	1	100	-1.180	-1.183	0.79	0.71	34.477	27.736	30.124	32.485	37.127	34.6	0.049	1444.6	98
117	1	125	-1.012	-1.015	0.98	0.88	34.513	27.759	30.144	32.503	37.139	32.4	0.058	1445.8	123
117	1	150	-1.109	-1.113	0.90	0.79	34.516	27.765	30.152	32.512	37.151	31.7	0.066	1445.8	148
117	1	175	-0.992	-0.997	1.04	0.90	34.540	27.780	30.165	32.523	37.159	30.3	0.073	1446.8	173
117	1	200	-1.211	-1.216	0.83	0.68	34.539	27.788	30.176	32.537	37.179	29.3	0.081	1446.1	197
117	1	225	-1.423	-1.429	0.64	0.47	34.543	27.798	30.190	32.554	37.203	28.1	0.088	1445.5	222
117	1	250	-1.619	-1.625	0.47	0.28	34.544	27.805	30.200	32.567	37.222	27.2	0.095	1445.0	247
117	1	275	-1.697	-1.703	0.41	0.20	34.548	27.811	30.207	32.575	37.232	26.5	0.102	1445.0	271
117	1	300	-1.791	-1.798	0.33	0.11	34.554	27.818	30.216	32.586	37.246	25.6	0.108	1445.0	296
117	1	325	-1.834	-1.841	0.31	0.06	34.565	27.829	30.226	32.597	37.258	24.4	0.114	1445.2	321
117	1	350	-1.833	-1.841	0.33	0.07	34.579	27.840	30.238	32.608	37.270	23.2	0.120	1445.7	345
117	1	375	-1.825	-1.834	0.36	0.07	34.599	27.856	30.254	32.624	37.285	21.6	0.126	1446.1	370
117	1	400	-1.873	-1.882	0.33	0.03	34.631	27.883	30.281	32.653	37.315	18.8	0.131	1446.3	395
117	1	425	-1.929	-1.939	0.29	-0.03	34.656	27.905	30.304	32.676	37.340	16.5	0.135	1446.5	420
117	1	450	-1.959	-1.969	0.28	-0.06	34.685	27.930	30.329	32.701	37.365	14.1	0.139	1446.8	444
117	1	475	-1.953	-1.964	0.31	-0.05	34.713	27.952	30.351	32.723	37.387	11.8	0.142	1447.3	469
117	1	500	-1.943	-1.955	0.34	-0.04	34.740	27.974	30.373	32.745	37.408	9.6	0.145	1447.8	494
117	1	550	-1.914	-1.927	0.41	0.00	34.785	28.010	30.408	32.779	37.441	6.1	0.149	1448.8	543
117	1	575	-1.909	-1.923	0.43	0.00	34.797	28.019	30.418	32.789	37.450	5.0	0.150	1449.3	568

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.822	-177.015	575	3	992	50	5	-1.		0821	12	FEB	1984	PS	84	2	117

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
117	2	0	0.141	0.141	2.02	2.02	34.261	27.502	29.871	32.213	36.817	57.2	0.000	1448.8	0
117	2	10	0.134	0.134	2.02	2.01	34.261	27.503	29.871	32.213	36.818	57.1	0.006	1448.9	9
117	2	20	0.135	0.134	2.03	2.01	34.260	27.502	29.870	32.212	36.817	57.2	0.011	1449.1	19
117	2	30	0.117	0.116	2.02	2.00	34.261	27.504	29.873	32.215	36.820	57.0	0.017	1449.2	29
117	2	40	0.044	0.043	1.95	1.92	34.265	27.511	29.881	32.224	36.831	56.4	0.023	1449.0	39
117	2	50	-1.095	-1.096	0.82	0.79	34.293	27.584	29.971	32.332	36.973	49.2	0.028	1443.9	49
117	2	60	-1.278	-1.279	0.65	0.61	34.348	27.635	30.025	32.388	37.034	44.3	0.033	1443.3	59
117	2	70	-1.184	-1.186	0.76	0.70	34.384	27.661	30.049	32.411	37.053	41.9	0.037	1443.9	69
117	2	80	-1.173	-1.175	0.77	0.71	34.401	27.674	30.062	32.424	37.066	40.6	0.041	1444.2	79
117	2	90	-1.182	-1.184	0.78	0.71	34.425	27.694	30.082	32.444	37.086	38.6	0.045	1444.3	89
117	2	100	-1.085	-1.088	0.88	0.81	34.455	27.715	30.101	32.461	37.100	36.7	0.049	1445.0	98
117	2	125	-0.968	-0.971	1.02	0.93	34.501	27.748	30.132	32.490	37.125	33.5	0.058	1446.0	123
117	2	150	-1.166	-1.170	0.84	0.73	34.514	27.766	30.153	32.514	37.155	31.6	0.066	1445.5	148
117	2	175	-1.401	-1.405	0.62	0.49	34.511	27.772	30.163	32.527	37.175	30.9	0.074	1444.8	173
117	2	200	-1.323	-1.328	0.72	0.57	34.533	27.787	30.177	32.540	37.185	29.4	0.081	1445.6	197
117	2	225	-1.563	-1.568	0.50	0.33	34.534	27.795	30.189	32.556	37.209	28.3	0.088	1444.8	222
117	2	250	-1.677	-1.683	0.41	0.22	34.543	27.806	30.202	32.570	37.227	27.1	0.095	1444.7	247
117	2	275	-1.662	-1.668	0.44	0.24	34.552	27.813	30.208	32.576	37.232	26.3	0.102	1445.2	271
117	2	300	-1.753	-1.760	0.37	0.14	34.556	27.819	30.216	32.585	37.244	25.5	0.108	1445.2	296
117	2	325	-1.750	-1.757	0.39	0.15	34.568	27.829	30.225	32.595	37.253	24.5	0.115	1445.6	321
117	2	350	-1.831	-1.839	0.33	0.07	34.578	27.839	30.237	32.608	37.269	23.3	0.121	1445.7	345
117	2	375	-1.832	-1.841	0.35	0.07	34.600	27.857	30.255	32.625	37.286	21.5	0.126	1446.1	370
117	2	400	-1.867	-1.876	0.33	0.03	34.629	27.882	30.280	32.651	37.312	19.0	0.131	1446.4	395
117	2	425	-1.926	-1.936	0.30	-0.02	34.658	27.907	30.306	32.678	37.341	16.4	0.136	1446.5	420
117	2	450	-1.960	-1.970	0.28	-0.06	34.685	27.930	30.329	32.701	37.365	14.1	0.140	1446.8	444
117	2	475	-1.952	-1.963	0.31	-0.05	34.721	27.959	30.358	32.730	37.393	11.2	0.143	1447.3	469
117	2	500	-1.942	-1.954	0.34	-0.04	34.740	27.974	30.373	32.745	37.408	9.7	0.145	1447.8	494
117	2	550	-1.915	-1.928	0.41	-0.01	34.785	28.010	30.408	32.779	37.441	6.0	0.149	1448.8	543
117	2	575	-1.909	-1.923	0.43	0.00	34.794	28.017	30.415	32.786	37.448	5.2	0.151	1449.3	568

Potential Temperature (°C)



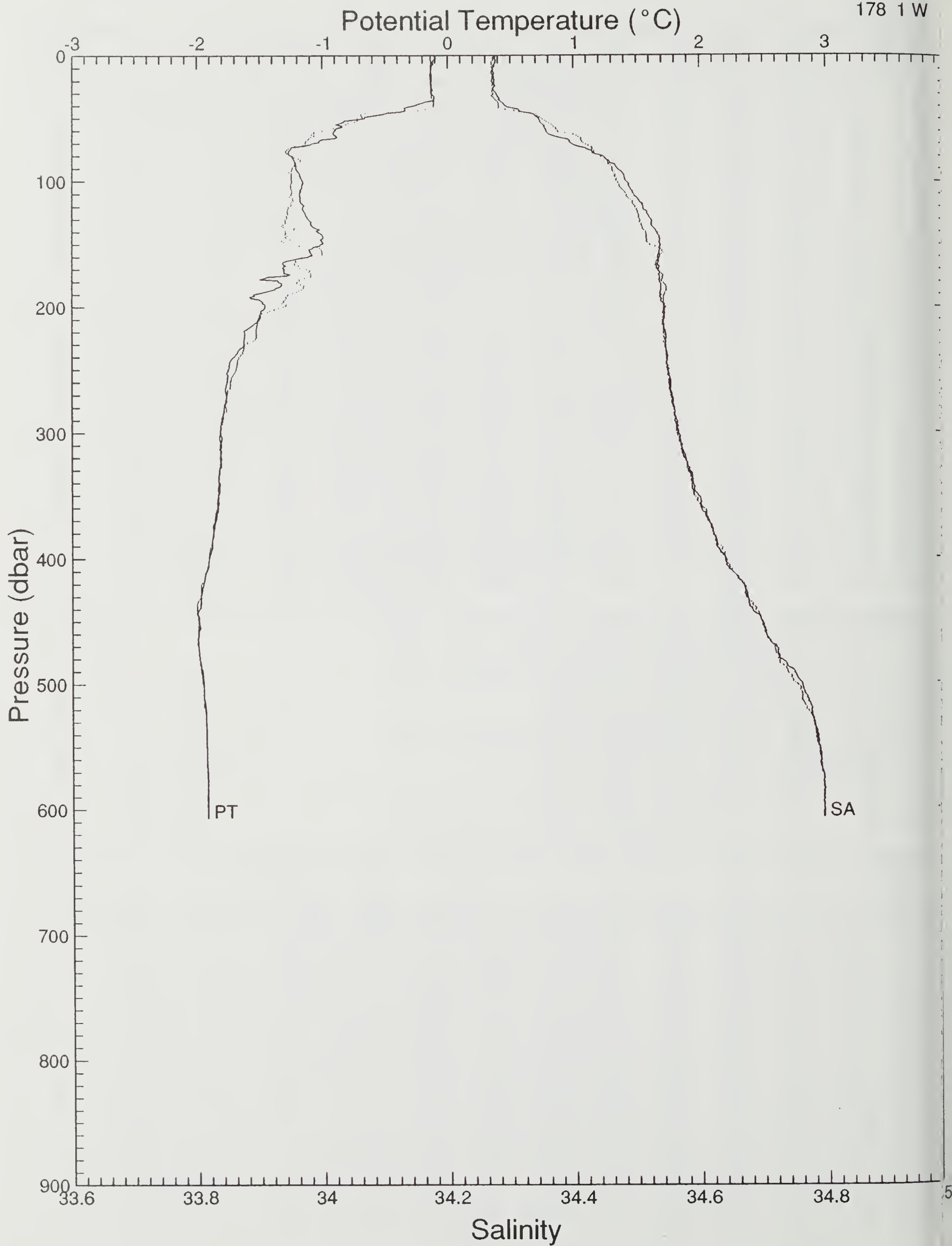
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.025	-177.485	568	3	992	50	7	-1.		0943	12	FEB	1984	PS	84	1	118

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
118	1	0	-0.657	-0.657	1.23	1.23	34.336	27.601	29.982	32.335	36.963	47.8	0.000	1445.2	0
118	1	10	-0.630	-0.630	1.26	1.25	34.334	27.599	29.979	32.332	36.958	48.0	0.005	1445.5	9
118	1	20	-0.632	-0.633	1.27	1.25	34.335	27.599	29.979	32.333	36.959	47.9	0.010	1445.6	19
118	1	30	-0.657	-0.658	1.25	1.23	34.338	27.603	29.983	32.337	36.964	47.6	0.014	1445.7	29
118	1	40	-0.678	-0.679	1.24	1.21	34.345	27.610	29.990	32.344	36.972	46.9	0.019	1445.8	39
118	1	50	-0.696	-0.697	1.23	1.19	34.343	27.609	29.990	32.344	36.972	47.0	0.024	1445.8	49
118	1	60	-1.020	-1.022	0.91	0.86	34.348	27.626	30.012	32.371	37.009	45.3	0.028	1444.5	59
118	1	70	-1.266	-1.268	0.67	0.62	34.376	27.657	30.047	32.410	37.055	42.2	0.033	1443.5	69
118	1	80	-1.511	-1.513	0.44	0.38	34.399	27.684	30.077	32.444	37.096	39.6	0.037	1442.6	79
118	1	90	-1.522	-1.524	0.43	0.37	34.412	27.695	30.088	32.455	37.108	38.5	0.041	1442.7	89
118	1	100	-1.550	-1.552	0.41	0.34	34.417	27.700	30.094	32.461	37.114	37.9	0.045	1442.7	98
118	1	125	-1.465	-1.468	0.52	0.42	34.443	27.718	30.111	32.476	37.127	36.1	0.054	1443.6	123
118	1	150	-1.291	-1.295	0.71	0.60	34.473	27.737	30.127	32.489	37.135	34.3	0.063	1444.8	148
118	1	175	-1.236	-1.241	0.79	0.66	34.496	27.754	30.142	32.504	37.148	32.6	0.071	1445.5	173
118	1	200	-1.322	-1.327	0.72	0.57	34.508	27.767	30.157	32.520	37.166	31.3	0.079	1445.6	197
118	1	225	-1.408	-1.414	0.66	0.49	34.516	27.776	30.167	32.532	37.180	30.2	0.087	1445.6	222
118	1	250	-1.629	-1.635	0.45	0.27	34.516	27.783	30.178	32.545	37.201	29.3	0.094	1444.9	247
118	1	275	-1.577	-1.584	0.53	0.32	34.541	27.802	30.195	32.562	37.216	27.5	0.101	1445.6	271
118	1	300	-1.647	-1.654	0.48	0.25	34.554	27.814	30.209	32.577	37.233	26.1	0.108	1445.7	296
118	1	325	-1.699	-1.707	0.44	0.20	34.564	27.824	30.220	32.588	37.245	25.0	0.114	1445.9	321
118	1	350	-1.824	-1.832	0.34	0.07	34.575	27.836	30.234	32.605	37.266	23.5	0.120	1445.7	345
118	1	375	-1.856	-1.864	0.33	0.04	34.603	27.860	30.258	32.629	37.291	21.1	0.126	1446.0	370
118	1	400	-1.953	-1.962	0.25	-0.05	34.632	27.886	30.286	32.658	37.322	18.4	0.131	1446.0	395
118	1	425	-2.003	-2.012	0.22	-0.10	34.658	27.909	30.309	32.682	37.348	16.1	0.135	1446.2	420
118	1	450	-2.037	-2.047	0.21	-0.13	34.681	27.928	30.329	32.702	37.369	14.1	0.139	1446.4	444
118	1	475	-2.030	-2.041	0.23	-0.12	34.704	27.947	30.347	32.721	37.387	12.2	0.142	1446.9	469
118	1	500	-1.983	-1.995	0.30	-0.08	34.727	27.964	30.364	32.736	37.401	10.5	0.145	1447.6	494
118	1	550	-1.935	-1.948	0.39	-0.03	34.769	27.997	30.396	32.768	37.430	7.2	0.150	1448.7	543
118	1	569	-1.908	-1.922	0.43	0.00	34.794	28.017	30.415	32.786	37.448	5.3	0.151	1449.2	562

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
118		18	-0.552	-0.553	34.315	27.580	8.32	15.6	1.36	65.4						2.16	12	18
118		84	-1.291	-1.293	34.384	27.665	6.46	27.1	2.09	71.6							11	83
118		111	-1.108	-1.111	34.430	27.696	6.25	28.4	2.15	75.2				2.80	1.27	10	110	
118		197	-1.290	-1.295	34.506	27.764	6.11									9	195	
118		248	-1.227	-1.234	34.540	27.789	6.05							2.28	1.05	8	245	
118		293	-1.612	-1.619	34.546	27.807	6.29							2.44	1.21	7	290	
118	1	330	-1.801	-1.808	34.560	27.824	6.46	30.3	2.17	75.9						6	327	
118	1	407	-1.944	-1.953	34.635	27.888	6.52							2.38	1.20	5	403	
118		461	-2.069	-2.079	34.675	27.924	6.62							2.18	1.00	4	456	
118		461	-2.069	-2.079	34.675	27.924	6.50	29.9	2.17	77.9				2.10	1.08	3	456	
118		507	-1.983	-1.995	34.733	27.969	6.45							2.21	1.05	2	502	
118		571	-1.917	-1.931	34.794	28.017	6.40	30.0	2.22	81.6				2.28	1.13	1	564	

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.027	-177.485	568	3	992	60	6	-1.		1037	12	FEB	1984	PS	84	2	118

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
118	2	0	-0.473	-0.473	1.41	1.41	34.308	27.571	29.948	32.299	36.921	50.7	0.000	1446.0	0
118	2	10	-0.504	-0.504	1.39	1.38	34.312	27.575	29.953	32.305	36.928	50.2	0.005	1446.0	9
118	2	20	-0.556	-0.557	1.34	1.33	34.321	27.585	29.964	32.316	36.940	49.3	0.010	1446.0	19
118	2	30	-0.590	-0.591	1.32	1.29	34.331	27.594	29.974	32.326	36.952	48.4	0.015	1446.0	29
118	2	40	-0.625	-0.626	1.29	1.26	34.341	27.604	29.984	32.337	36.963	47.4	0.020	1446.0	39
118	2	50	-0.668	-0.669	1.25	1.22	34.343	27.608	29.988	32.342	36.969	47.1	0.024	1446.0	49
118	2	60	-1.364	-1.365	0.56	0.52	34.336	27.628	30.020	32.384	37.033	45.0	0.029	1442.8	59
118	2	70	-1.279	-1.281	0.66	0.61	34.363	27.647	30.037	32.400	37.046	43.1	0.033	1443.5	69
118	2	80	-1.216	-1.218	0.73	0.67	34.376	27.656	30.044	32.406	37.050	42.3	0.038	1443.9	79
118	2	90	-1.267	-1.269	0.69	0.62	34.392	27.670	30.060	32.423	37.068	40.9	0.042	1443.9	89
118	2	100	-1.288	-1.290	0.68	0.60	34.412	27.687	30.077	32.440	37.086	39.2	0.046	1444.0	98
118	2	125	-1.413	-1.416	0.57	0.48	34.444	27.718	30.109	32.474	37.123	36.2	0.055	1443.8	123
118	2	150	-1.109	-1.113	0.90	0.78	34.485	27.740	30.127	32.487	37.127	34.1	0.064	1445.7	148
118	2	175	-1.193	-1.198	0.83	0.70	34.500	27.756	30.143	32.505	37.147	32.5	0.072	1445.7	173
118	2	200	-1.387	-1.392	0.66	0.51	34.507	27.768	30.159	32.523	37.171	31.1	0.080	1445.2	197
118	2	225	-1.437	-1.443	0.63	0.46	34.517	27.778	30.169	32.534	37.184	30.1	0.088	1445.4	222
118	2	250	-1.211	-1.218	0.87	0.68	34.545	27.793	30.181	32.542	37.184	28.7	0.095	1446.9	247
118	2	275	-1.438	-1.445	0.67	0.46	34.546	27.801	30.193	32.558	37.207	27.6	0.102	1446.3	271
118	2	300	-1.667	-1.674	0.45	0.23	34.547	27.809	30.204	32.573	37.229	26.5	0.109	1445.6	296



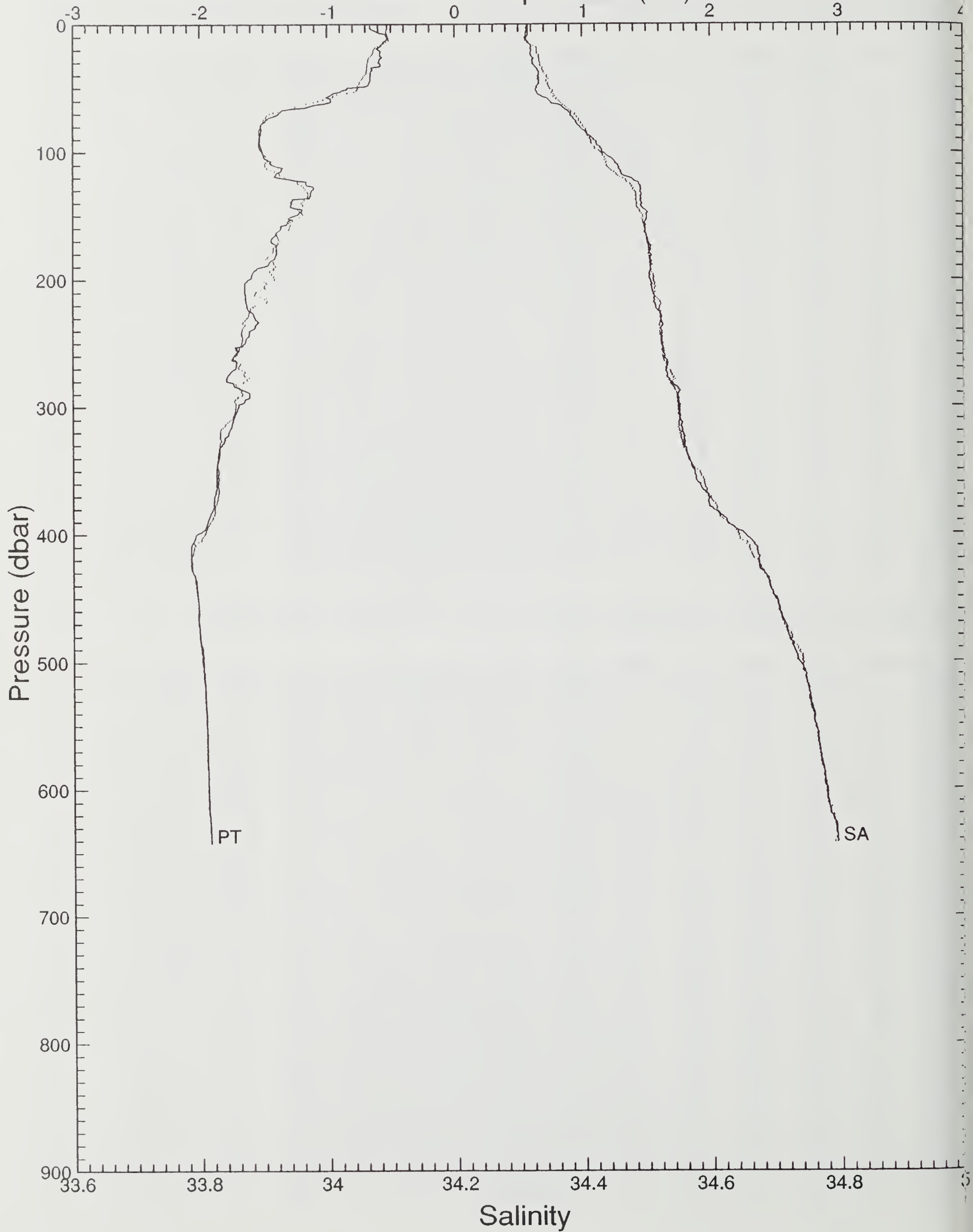
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.258	-178.018	606	3	992	60	8	-1.		1156	12	FEB	1984	PS	84	1	119

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
119	1	0	-0.103	-0.103	1.78	1.78	34.276	27.527	29.899	32.245	36.856	54.8	0.000	1447.7	0
119	1	10	-0.132	-0.132	1.76	1.75	34.272	27.525	29.898	32.244	36.856	55.0	0.005	1447.7	9
119	1	20	-0.126	-0.127	1.77	1.75	34.274	27.527	29.899	32.245	36.857	54.9	0.011	1447.9	19
119	1	30	-0.125	-0.126	1.78	1.76	34.278	27.530	29.902	32.248	36.860	54.5	0.017	1448.1	29
119	1	40	-0.262	-0.263	1.65	1.62	34.292	27.548	29.922	32.270	36.886	52.8	0.022	1447.6	39
119	1	50	-0.657	-0.658	1.26	1.23	34.345	27.609	29.989	32.343	36.970	47.0	0.027	1446.0	49
119	1	60	-0.896	-0.898	1.04	0.99	34.357	27.628	30.012	32.369	37.004	45.0	0.031	1445.1	59
119	1	70	-1.076	-1.078	0.86	0.81	34.396	27.667	30.053	32.413	37.052	41.3	0.036	1444.5	69
119	1	80	-1.241	-1.243	0.71	0.65	34.445	27.713	30.101	32.463	37.107	36.9	0.040	1443.9	79
119	1	90	-1.207	-1.209	0.75	0.68	34.470	27.732	30.120	32.481	37.124	35.1	0.043	1444.3	89
119	1	100	-1.152	-1.155	0.82	0.74	34.483	27.740	30.128	32.488	37.129	34.3	0.047	1444.7	98
119	1	125	-1.131	-1.134	0.86	0.76	34.517	27.767	30.154	32.514	37.154	31.6	0.055	1445.3	123
119	1	150	-1.009	-1.013	1.00	0.89	34.538	27.779	30.164	32.522	37.159	30.4	0.063	1446.3	148
119	1	175	-1.276	-1.280	0.75	0.62	34.535	27.787	30.176	32.538	37.182	29.5	0.070	1445.4	173
119	1	200	-1.449	-1.454	0.60	0.45	34.544	27.800	30.192	32.557	37.206	28.1	0.077	1445.0	197
119	1	225	-1.615	-1.620	0.45	0.28	34.547	27.808	30.202	32.569	37.224	27.1	0.084	1444.6	222
119	1	250	-1.744	-1.750	0.34	0.15	34.552	27.815	30.212	32.581	37.240	26.1	0.091	1444.4	247
119	1	275	-1.762	-1.768	0.34	0.14	34.558	27.821	30.218	32.587	37.246	25.5	0.097	1444.7	271
119	1	300	-1.803	-1.810	0.32	0.09	34.566	27.829	30.226	32.596	37.256	24.6	0.104	1445.0	296
119	1	325	-1.798	-1.805	0.34	0.10	34.580	27.840	30.237	32.607	37.267	23.4	0.110	1445.4	321
119	1	350	-1.822	-1.830	0.34	0.08	34.597	27.854	30.252	32.622	37.283	21.9	0.115	1445.7	345
119	1	375	-1.862	-1.870	0.32	0.04	34.618	27.872	30.270	32.642	37.303	20.0	0.121	1446.0	370
119	1	400	-1.896	-1.905	0.31	0.01	34.639	27.890	30.289	32.660	37.323	18.1	0.125	1446.2	395
119	1	425	-1.949	-1.959	0.27	-0.05	34.671	27.918	30.317	32.689	37.353	15.3	0.129	1446.4	420
119	1	450	-1.974	-1.984	0.27	-0.07	34.696	27.939	30.338	32.711	37.375	13.2	0.133	1446.8	444
119	1	475	-1.974	-1.985	0.29	-0.07	34.722	27.960	30.359	32.732	37.396	11.0	0.136	1447.2	469
119	1	500	-1.936	-1.948	0.35	-0.03	34.760	27.990	30.389	32.760	37.423	8.1	0.138	1447.9	494
119	1	550	-1.914	-1.927	0.41	0.00	34.787	28.011	30.410	32.781	37.443	5.9	0.142	1448.8	543
119	1	600	-1.905	-1.920	0.46	0.01	34.794	28.017	30.415	32.786	37.448	5.1	0.145	1449.7	592
119	1	607	-1.904	-1.919	0.46	0.01	34.794	28.017	30.415	32.786	37.448	5.1	0.145	1449.8	599

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.258	-178.018	606	3	992	60	8	0.		1220	12	FEB	1984	PS	84	2	119

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
119	2	0	-0.135	-0.135	1.75	1.75	34.274	27.527	29.900	32.246	36.858	54.8	0.000	1447.5	0
119	2	10	-0.136	-0.136	1.75	1.75	34.271	27.525	29.897	32.243	36.856	55.1	0.005	1447.7	9
119	2	20	-0.133	-0.134	1.76	1.75	34.270	27.524	29.896	32.242	36.855	55.1	0.011	1447.9	19
119	2	30	-0.133	-0.134	1.77	1.75	34.273	27.526	29.899	32.245	36.857	54.9	0.017	1448.0	29
119	2	40	-0.110	-0.111	1.80	1.77	34.281	27.531	29.904	32.249	36.861	54.4	0.022	1448.3	39
119	2	50	-0.719	-0.720	1.20	1.17	34.349	27.615	29.996	32.350	36.979	46.4	0.027	1445.7	49
119	2	60	-0.996	-0.998	0.94	0.89	34.375	27.647	30.032	32.391	37.028	43.3	0.032	1444.6	59
119	2	70	-1.133	-1.135	0.81	0.76	34.416	27.685	30.072	32.433	37.074	39.6	0.036	1444.2	69
119	2	80	-1.230	-1.232	0.72	0.66	34.443	27.711	30.099	32.461	37.105	37.1	0.040	1444.0	79
119	2	90	-1.237	-1.239	0.72	0.65	34.462	27.726	30.115	32.477	37.121	35.6	0.043	1444.1	89
119	2	100	-1.238	-1.241	0.73	0.65	34.468	27.731	30.120	32.482	37.125	35.1	0.047	1444.3	98
119	2	125	-1.272	-1.275	0.72	0.62	34.502	27.760	30.149	32.511	37.156	32.3	0.055	1444.6	123
119	2	150	-1.209	-1.213	0.80	0.69	34.521	27.773	30.161	32.522	37.165	30.9	0.063	1445.3	148
119	2	175	-1.084	-1.089	0.94	0.81	34.542	27.786	30.172	32.531	37.169	29.7	0.071	1446.3	173
119	2	200	-1.302	-1.307	0.75	0.59	34.547	27.798	30.187	32.550	37.195	28.4	0.078	1445.7	197
119	2	225	-1.523	-1.528	0.54	0.37	34.544	27.802	30.195	32.561	37.213	27.7	0.085	1445.1	222
119	2	250	-1.679	-1.685	0.41	0.22	34.549	27.811	30.207	32.575	37.232	26.6	0.092	1444.7	247
119	2	275	-1.754	-1.760	0.35	0.14	34.556	27.819	30.216	32.585	37.244	25.7	0.098	1444.8	271
119	2	300	-1.805	-1.812	0.32	0.09	34.565	27.828	30.225	32.595	37.256	24.7	0.104	1445.0	296
119	2	325	-1.807	-1.814	0.34	0.09	34.580	27.840	30.237	32.608	37.268	23.4	0.110	1445.4	321
119	2	350	-1.819	-1.827	0.34	0.08	34.590	27.848	30.246	32.616	37.277	22.4	0.116	1445.7	345
119	2	375	-1.850	-1.859	0.33	0.05	34.617	27.871	30.269	32.640	37.301	20.1	0.121	1446.0	370
119	2	400	-1.896	-1.905	0.31	0.01	34.640	27.891	30.290	32.661	37.324	18.0	0.126	1446.2	395
119	2	425	-1.959	-1.969	0.26	-0.06	34.671	27.918	30.317	32.690	37.354	15.3	0.130	1446.4	420
119	2	450	-1.979	-1.989	0.27	-0.07	34.697	27.940	30.339	32.712	37.377	13.1	0.134	1446.7	444
119	2	475	-1.975	-1.986	0.29	-0.07	34.718	27.957	30.356	32.729	37.393	11.3	0.137	1447.2	469
119	2	500	-1.942	-1.954	0.34	-0.03	34.749	27.981	30.380	32.752	37.415	9.0	0.140	1447.8	494
119	2	550	-1.913	-1.926	0.41	0.00	34.785	28.010	30.408	32.779	37.441	6.1	0.143	1448.8	543
119	2	600	-1.904	-1.919	0.46	0.01	34.795	28.018	30.416	32.787	37.448	5.1	0.146	1449.7	592
119	2	607	-1.904	-1.919	0.46	0.01	34.794	28.017	30.415	32.786	37.448	5.1	0.146	1449.8	599

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.477	-178.495	641	3	992	50	8	-1.		1358	12	FEB	1984	PS	84	1	120

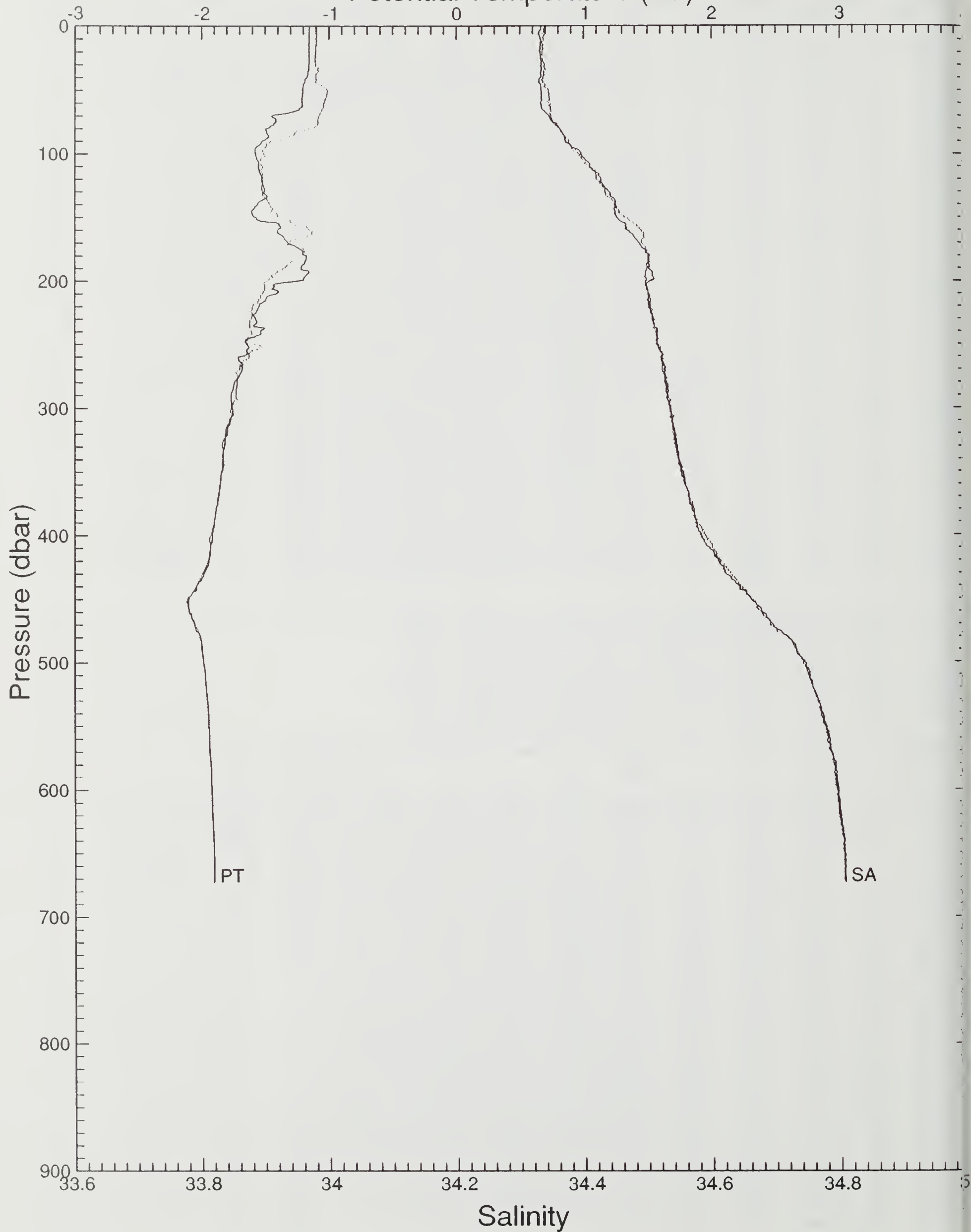
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
120	1	0	-0.664	-0.664	1.22	1.22	34.315	27.585	29.965	32.319	36.947	49.4	0.000	1445.1	0
120	1	10	-0.531	-0.531	1.36	1.35	34.313	27.577	29.956	32.307	36.931	50.1	0.005	1445.9	9
120	1	20	-0.597	-0.598	1.30	1.29	34.320	27.586	29.965	32.318	36.944	49.2	0.010	1445.8	19
120	1	30	-0.599	-0.600	1.31	1.28	34.323	27.588	29.968	32.321	36.946	49.0	0.015	1445.9	29
120	1	40	-0.658	-0.659	1.26	1.23	34.332	27.598	29.979	32.332	36.960	48.0	0.020	1445.8	39
120	1	50	-0.845	-0.846	1.08	1.04	34.329	27.604	29.987	32.343	36.976	47.4	0.025	1445.1	49
120	1	60	-0.966	-0.968	0.96	0.92	34.349	27.625	30.010	32.368	37.004	45.4	0.029	1444.7	59
120	1	70	-1.379	-1.381	0.56	0.51	34.382	27.666	30.057	32.422	37.071	41.3	0.033	1443.0	69
120	1	80	-1.518	-1.520	0.43	0.37	34.396	27.682	30.075	32.442	37.095	39.8	0.038	1442.5	79
120	1	90	-1.527	-1.529	0.43	0.36	34.418	27.700	30.094	32.460	37.113	38.0	0.041	1442.7	89
120	1	100	-1.504	-1.506	0.46	0.39	34.431	27.710	30.103	32.469	37.121	37.0	0.045	1443.0	98
120	1	125	-1.160	-1.163	0.83	0.73	34.489	27.745	30.133	32.493	37.135	33.7	0.054	1445.1	123
120	1	150	-1.256	-1.260	0.75	0.64	34.501	27.759	30.147	32.510	37.154	32.3	0.062	1445.0	148
120	1	175	-1.394	-1.398	0.63	0.50	34.507	27.768	30.159	32.523	37.172	31.2	0.070	1444.8	173
120	1	200	-1.620	-1.625	0.42	0.27	34.506	27.774	30.169	32.537	37.192	30.4	0.078	1444.1	197
120	1	225	-1.589	-1.594	0.48	0.31	34.519	27.784	30.178	32.545	37.199	29.3	0.085	1444.7	222
120	1	250	-1.640	-1.646	0.44	0.26	34.524	27.790	30.185	32.553	37.208	28.7	0.093	1444.9	247
120	1	275	-1.772	-1.778	0.33	0.12	34.533	27.801	30.198	32.568	37.227	27.4	0.100	1444.7	271
120	1	300	-1.690	-1.697	0.43	0.21	34.551	27.813	30.209	32.577	37.234	26.1	0.106	1445.5	296
120	1	325	-1.796	-1.803	0.35	0.10	34.558	27.822	30.219	32.589	37.249	25.1	0.113	1445.4	321
120	1	350	-1.860	-1.868	0.30	0.04	34.574	27.837	30.235	32.606	37.268	23.5	0.119	1445.5	345
120	1	375	-1.882	-1.890	0.30	0.02	34.596	27.855	30.254	32.625	37.287	21.6	0.124	1445.8	370
120	1	400	-2.022	-2.031	0.18	-0.12	34.651	27.903	30.304	32.677	37.344	16.7	0.129	1445.7	395
120	1	425	-2.056	-2.065	0.17	-0.15	34.675	27.924	30.325	32.699	37.366	14.6	0.133	1445.9	420
120	1	450	-2.009	-2.019	0.24	-0.10	34.702	27.945	30.345	32.718	37.383	12.6	0.136	1446.6	444
120	1	475	-1.997	-2.008	0.27	-0.09	34.718	27.957	30.357	32.730	37.395	11.3	0.139	1447.1	469
120	1	500	-1.974	-1.986	0.31	-0.07	34.737	27.972	30.372	32.744	37.408	9.8	0.142	1447.6	494
120	1	550	-1.941	-1.954	0.38	-0.03	34.762	27.992	30.391	32.762	37.425	7.7	0.146	1448.7	543
120	1	600	-1.927	-1.942	0.43	-0.02	34.780	28.006	30.405	32.776	37.439	6.1	0.150	1449.6	592
120	1	642	-1.908	-1.924	0.49	0.00	34.795	28.018	30.416	32.787	37.449	4.8	0.152	1450.4	634

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
120		23	-0.642	-0.643	34.329	27.595	8.27	15.5	1.35	64.9							6	23
120		78	-1.515	-1.517	34.395	27.681	6.72	24.9	2.08	70.6							5	77
120		129	-1.166	-1.169	34.478	27.737	5.98	29.6	2.20	77.7				2.22	1.08	4	128	
120		236	-1.643	-1.648	34.521	27.787	6.35	29.9	2.17	76.0							3	233
120		428	-2.059	-2.068	34.680	27.928	6.52	30.1	2.18	78.0				2.08	1.03	2	423	
120		644	-1.905	-1.921	34.794	28.017	6.42	30.4	2.22	81.7				2.29	1.13	1	636	

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.488	-178.605	641	3	992	50	8	1.		1433	12	FEB	1984	PS	84	2	120

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
120	2	0	-0.530	-0.530	1.35	1.35	34.314	27.578	29.956	32.308	36.932	50.0	0.000	1445.8	0
120	2	10	-0.522	-0.522	1.37	1.36	34.310	27.574	29.953	32.304	36.928	50.3	0.005	1446.0	9
120	2	20	-0.633	-0.634	1.27	1.25	34.329	27.595	29.975	32.328	36.955	48.4	0.010	1445.6	19
120	2	30	-0.680	-0.681	1.23	1.20	34.334	27.601	29.981	32.335	36.963	47.8	0.015	1445.6	29
120	2	40	-0.704	-0.705	1.21	1.18	34.345	27.611	29.992	32.346	36.975	46.8	0.020	1445.6	39
120	2	50	-0.758	-0.759	1.17	1.13	34.349	27.616	29.998	32.353	36.983	46.2	0.024	1445.6	49
120	2	60	-1.068	-1.070	0.86	0.82	34.363	27.640	30.026	32.386	37.025	43.9	0.029	1444.3	59
120	2	70	-1.446	-1.448	0.49	0.44	34.389	27.674	30.066	32.432	37.082	40.6	0.033	1442.7	69
120	2	80	-1.515	-1.517	0.43	0.37	34.401	27.686	30.079	32.446	37.098	39.4	0.037	1442.5	79
120	2	90	-1.531	-1.533	0.43	0.36	34.412	27.695	30.089	32.456	37.109	38.4	0.041	1442.6	89
120	2	100	-1.505	-1.507	0.46	0.39	34.428	27.707	30.101	32.467	37.119	37.2	0.045	1443.0	98
120	2	125	-1.223	-1.226	0.76	0.67	34.475	27.736	30.125	32.486	37.130	34.5	0.054	1444.8	123
120	2	150	-1.249	-1.253	0.76	0.64	34.495	27.753	30.142	32.504	37.148	32.8	0.062	1445.1	148
120	2	175	-1.414	-1.418	0.61	0.48	34.504	27.766	30.158	32.522	37.171	31.4	0.070	1444.7	173
120	2	200	-1.407	-1.412	0.64	0.49	34.511	27.772	30.163	32.527	37.176	30.7	0.078	1445.2	197
120	2	225	-1.603	-1.608	0.46	0.29	34.523	27.788	30.182	32.549	37.204	29.0	0.085	1444.6	222
120	2	250	-1.667	-1.673	0.42	0.23	34.526	27.792	30.187	32.556	37.212	28.4	0.092	1444.7	247
120	2	275	-1.647	-1.653	0.46	0.25	34.540	27.803	30.198	32.566	37.222	27.3	0.099	1445.3	271
120	2	300	-1.711	-1.718	0.41	0.18	34.549	27.812	30.208	32.577	37.235	26.2	0.106	1445.4	296
120	2	325	-1.832	-1.839	0.31	0.07	34.554	27.820	30.217	32.588	37.249	25.3	0.112	1445.2	321
120	2	350	-1.844	-1.852	0.32	0.05	34.579	27.840	30.238	32.609	37.271	23.2	0.118	1445.6	345
120	2	375	-1.861	-1.869	0.32	0.04	34.604	27.861	30.259	32.630	37.292	21.1	0.124	1446.0	370
120	2	400	-1.955	-1.964	0.25	-0.05	34.642	27.894	30.294	32.666	37.331	17.7	0.129	1446.0	395
120	2	425	-2.064	-2.073	0.16	-0.16	34.677	27.926	30.327	32.701	37.368	14.5	0.133	1445.9	420

Potential Temperature (°C)



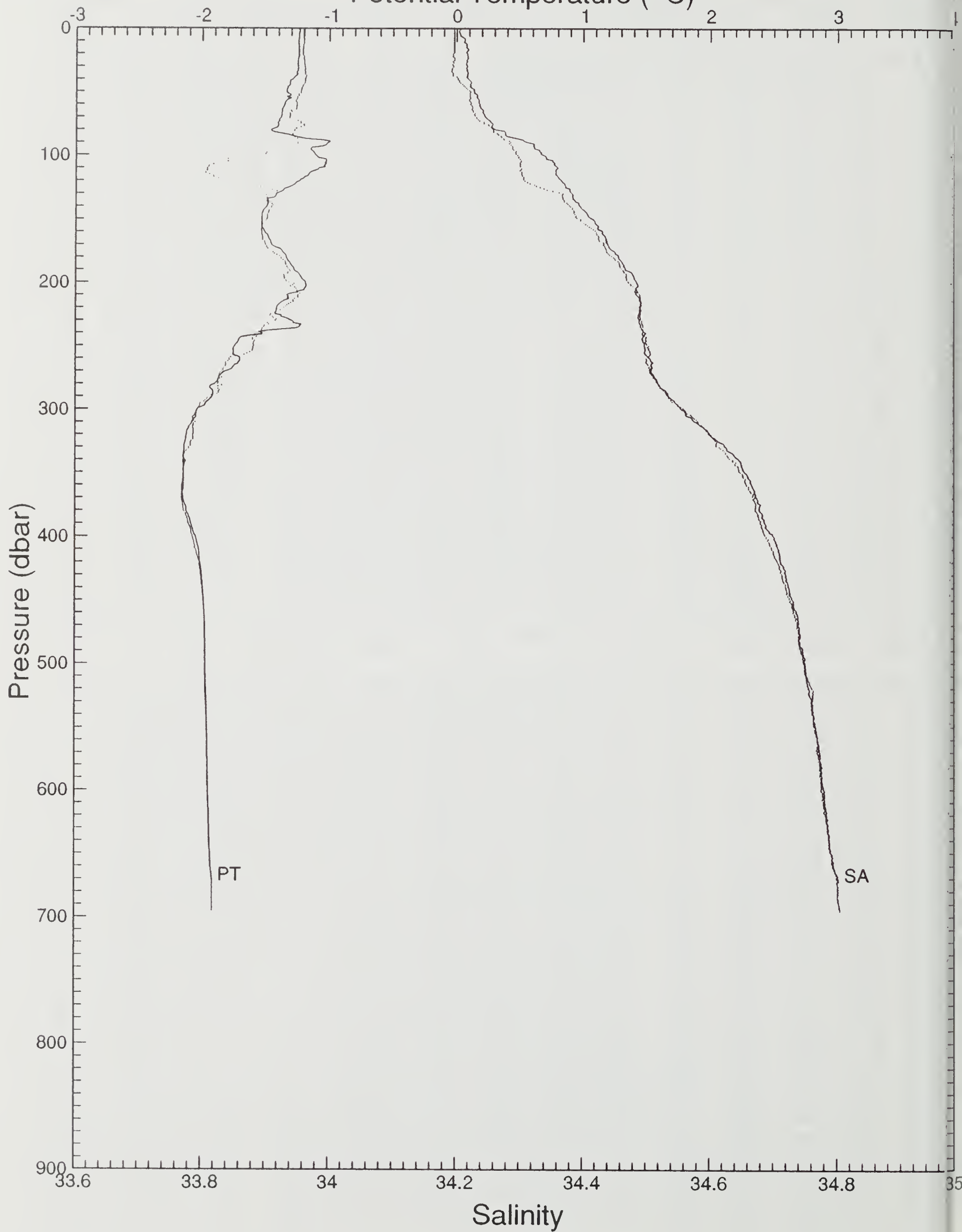
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.698	-178.993	671	3	992	50	7	-2.		1602	12	FEB	1984	PS	84	1	121

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
121	1	0	-1.154	-1.154	0.73	0.73	34.333	27.618	30.007	32.368	37.010	46.2	0.000	1442.9	0
121	1	10	-1.156	-1.156	0.74	0.73	34.332	27.618	30.006	32.367	37.009	46.2	0.005	1443.0	9
121	1	20	-1.156	-1.156	0.74	0.73	34.332	27.618	30.006	32.367	37.009	46.2	0.009	1443.2	19
121	1	30	-1.158	-1.159	0.75	0.73	34.334	27.619	30.008	32.369	37.011	46.0	0.014	1443.3	29
121	1	40	-1.171	-1.172	0.74	0.71	34.333	27.619	30.007	32.369	37.012	45.9	0.018	1443.4	39
121	1	50	-1.204	-1.205	0.72	0.68	34.333	27.620	30.009	32.371	37.015	45.8	0.023	1443.4	49
121	1	60	-1.209	-1.210	0.72	0.67	34.332	27.620	30.009	32.371	37.015	45.8	0.028	1443.6	59
121	1	70	-1.450	-1.452	0.49	0.44	34.346	27.639	30.032	32.397	37.049	43.9	0.032	1442.6	69
121	1	80	-1.494	-1.496	0.45	0.39	34.363	27.654	30.048	32.414	37.066	42.4	0.036	1442.6	79
121	1	90	-1.524	-1.526	0.43	0.36	34.372	27.663	30.056	32.423	37.076	41.5	0.041	1442.6	89
121	1	100	-1.572	-1.574	0.39	0.32	34.396	27.684	30.078	32.445	37.100	39.5	0.045	1442.6	98
121	1	125	-1.510	-1.513	0.47	0.38	34.432	27.711	30.104	32.470	37.123	36.8	0.054	1443.3	123
121	1	150	-1.567	-1.570	0.44	0.32	34.452	27.729	30.123	32.490	37.144	34.9	0.063	1443.5	148
121	1	175	-1.215	-1.220	0.81	0.68	34.495	27.752	30.141	32.502	37.145	32.8	0.072	1445.6	173
121	1	200	-1.250	-1.255	0.79	0.64	34.504	27.761	30.150	32.512	37.155	31.9	0.080	1445.9	197
121	1	225	-1.564	-1.569	0.50	0.33	34.505	27.772	30.166	32.533	37.186	30.5	0.088	1444.8	222
121	1	250	-1.635	-1.641	0.45	0.26	34.514	27.781	30.176	32.544	37.200	29.4	0.095	1444.9	247
121	1	275	-1.696	-1.702	0.41	0.20	34.527	27.794	30.190	32.558	37.216	28.1	0.102	1445.0	271
121	1	300	-1.747	-1.754	0.37	0.15	34.535	27.802	30.198	32.568	37.227	27.2	0.109	1445.2	296
121	1	325	-1.807	-1.814	0.33	0.09	34.544	27.811	30.208	32.579	37.239	26.1	0.116	1445.3	321
121	1	350	-1.833	-1.841	0.33	0.06	34.556	27.821	30.219	32.590	37.251	25.0	0.122	1445.6	345
121	1	375	-1.866	-1.874	0.31	0.03	34.566	27.830	30.229	32.600	37.262	23.9	0.128	1445.9	370
121	1	400	-1.905	-1.914	0.30	-0.01	34.582	27.844	30.243	32.615	37.278	22.4	0.134	1446.1	395
121	1	425	-1.951	-1.961	0.27	-0.05	34.618	27.875	30.274	32.647	37.311	19.4	0.139	1446.4	420
121	1	450	-2.099	-2.109	0.14	-0.20	34.661	27.913	30.315	32.690	37.358	15.4	0.144	1446.1	444
121	1	475	-2.031	-2.042	0.23	-0.13	34.706	27.948	30.349	32.722	37.388	12.1	0.147	1446.9	469
121	1	500	-1.974	-1.986	0.31	-0.07	34.744	27.978	30.377	32.750	37.414	9.2	0.150	1447.7	494
121	1	550	-1.931	-1.944	0.39	-0.02	34.778	28.005	30.403	32.775	37.437	6.5	0.154	1448.7	543
121	1	600	-1.907	-1.922	0.46	0.00	34.796	28.019	30.417	32.788	37.449	5.0	0.157	1449.7	592
121	1	650	-1.889	-1.906	0.51	0.02	34.806	28.026	30.424	32.795	37.456	4.0	0.159	1450.6	642
121	1	673	-1.888	-1.905	0.53	0.02	34.807	28.027	30.425	32.796	37.457	3.8	0.160	1451.0	664

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.728	-179.093	671	3	992	60	6	0.		1631	12	FEB	1984	PS	84	2	121

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
121	2	0	-1.097	-1.097	0.79	0.79	34.339	27.621	30.008	32.369	37.009	45.9	0.000	1443.1	0
121	2	10	-1.100	-1.100	0.79	0.78	34.337	27.620	30.007	32.367	37.008	46.0	0.005	1443.3	9
121	2	20	-1.104	-1.105	0.79	0.78	34.335	27.618	30.006	32.366	37.007	46.1	0.009	1443.4	19
121	2	30	-1.103	-1.104	0.80	0.78	34.339	27.622	30.009	32.369	37.010	45.8	0.014	1443.6	29
121	2	40	-1.100	-1.101	0.81	0.78	34.336	27.619	30.006	32.367	37.007	46.0	0.018	1443.8	39
121	2	50	-1.012	-1.013	0.91	0.87	34.345	27.623	30.009	32.368	37.006	45.6	0.023	1444.4	49
121	2	60	-1.038	-1.040	0.89	0.85	34.345	27.624	30.010	32.370	37.008	45.4	0.028	1444.4	59
121	2	70	-1.076	-1.078	0.86	0.81	34.349	27.629	30.015	32.375	37.015	44.9	0.032	1444.4	69
121	2	80	-1.155	-1.157	0.79	0.73	34.362	27.642	30.030	32.391	37.033	43.6	0.037	1444.2	79
121	2	90	-1.455	-1.457	0.50	0.43	34.376	27.664	30.056	32.422	37.073	41.5	0.041	1443.0	89
121	2	100	-1.508	-1.510	0.46	0.38	34.392	27.678	30.072	32.438	37.091	40.0	0.045	1442.9	98
121	2	125	-1.523	-1.526	0.46	0.37	34.429	27.709	30.102	32.469	37.122	37.0	0.054	1443.3	123
121	2	150	-1.362	-1.366	0.64	0.53	34.464	27.732	30.123	32.487	37.134	34.7	0.063	1444.5	148
121	2	175	-1.193	-1.198	0.83	0.70	34.497	27.753	30.141	32.502	37.144	32.7	0.072	1445.7	173
121	2	200	-1.477	-1.482	0.57	0.42	34.498	27.764	30.156	32.521	37.172	31.5	0.080	1444.8	197
121	2	225	-1.597	-1.602	0.47	0.30	34.506	27.774	30.168	32.535	37.190	30.3	0.088	1444.6	222
121	2	250	-1.571	-1.577	0.51	0.32	34.517	27.782	30.176	32.543	37.196	29.4	0.095	1445.2	247
121	2	275	-1.707	-1.713	0.39	0.19	34.528	27.795	30.191	32.560	37.217	28.0	0.102	1445.0	271
121	2	300	-1.758	-1.765	0.36	0.14	34.536	27.803	30.200	32.569	37.228	27.0	0.109	1445.1	296
121	2	325	-1.820	-1.827	0.32	0.08	34.541	27.809	30.206	32.577	37.238	26.3	0.116	1445.3	321
121	2	350	-1.836	-1.844	0.32	0.06	34.552	27.818	30.216	32.587	37.248	25.3	0.122	1445.6	345
121	2	375	-1.864	-1.872	0.32	0.03	34.569	27.833	30.231	32.602	37.264	23.7	0.128	1445.9	370
121	2	400	-1.919	-1.928	0.28	-0.02	34.590	27.851	30.250	32.622	37.286	21.8	0.134	1446.1	395
121	2	425	-1.961	-1.970	0.26	-0.06	34.622	27.878	30.278	32.651	37.315	19.0	0.139	1446.3	420
121	2	450	-2.089	-2.099	0.15	-0.19	34.662	27.914	30.315	32.690	37.358	15.4	0.143	1446.2	444
121	2	475	-2.016	-2.027	0.25	-0.11	34.701	27.944	30.344	32.717	37.383	12.5	0.147	1447.0	469
121	2	500	-1.972	-1.984	0.31	-0.06	34.743	27.977	30.376	32.749	37.413	9.3	0.150	1447.7	494
121	2	550	-1.931	-1.944	0.39	-0.02	34.776	28.003	30.401	32.773	37.436	6.7	0.154	1448.7	543
121	2	600	-1.907	-1.922	0.46	0.00	34.795	28.018	30.416	32.787	37.449	5.0	0.157	1449.7	592
121	2	650	-1.889	-1.906	0.51	0.02	34.806	28.026	30.424	32.795	37.456	4.0	0.159	1450.6	642
121	2	673	-1.889	-1.906	0.53	0.02	34.808	28.028	30.426	32.797	37.458	3.7	0.160	1451.0	664

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.865	-179.297	693		993	50	8	0.		1730	12	FEB	1984	PS	84	1	122

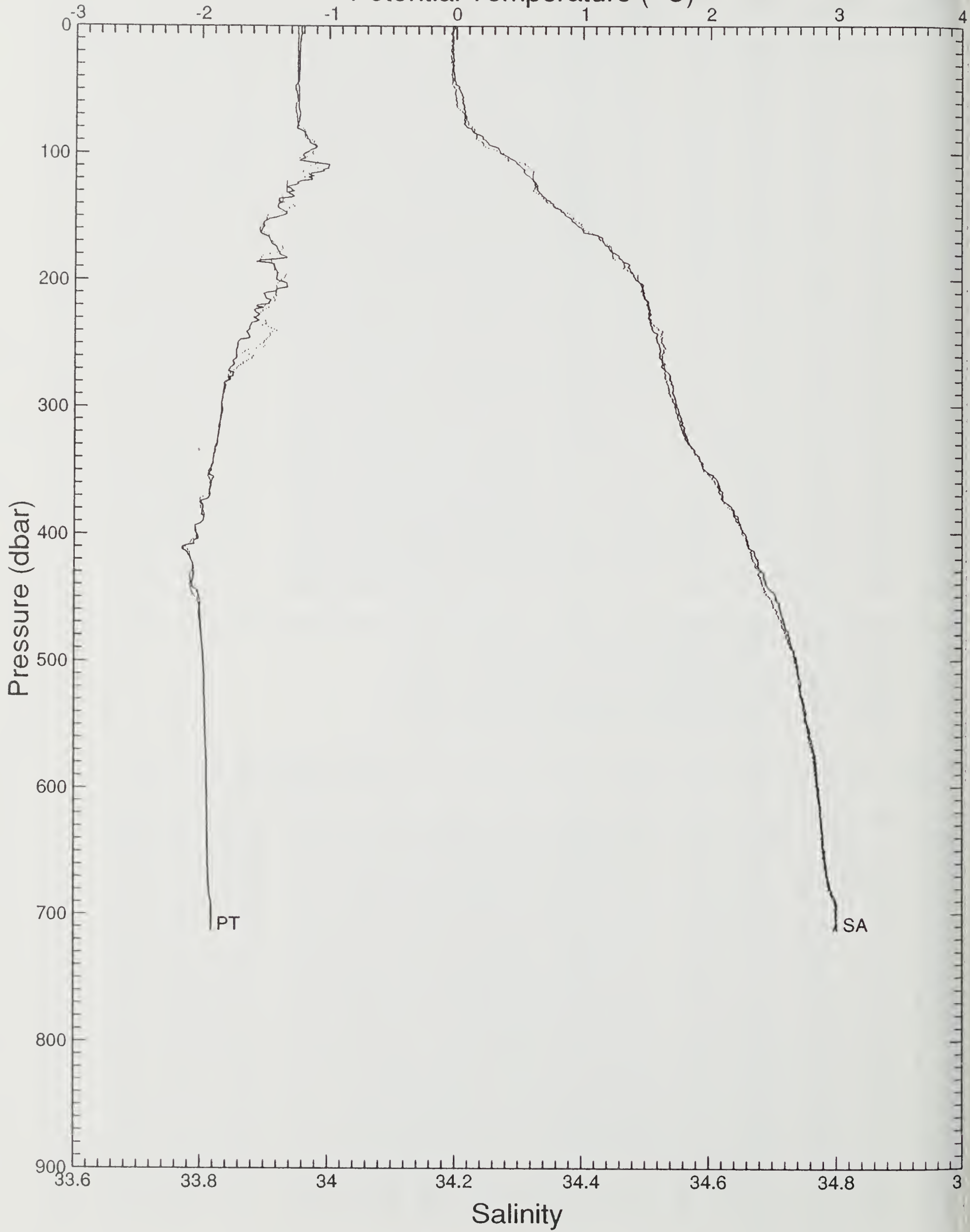
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
122	1	0	-1.238	-1.238	0.64	0.64	34.208	27.520	29.910	32.273	36.919	55.5	0.000	1442.3	0
122	1	10	-1.244	-1.244	0.64	0.63	34.212	27.524	29.913	32.277	36.923	55.1	0.006	1442.4	9
122	1	20	-1.241	-1.241	0.65	0.64	34.217	27.527	29.917	32.280	36.926	54.7	0.011	1442.6	19
122	1	30	-1.247	-1.248	0.65	0.63	34.217	27.528	29.918	32.281	36.927	54.6	0.017	1442.8	29
122	1	40	-1.290	-1.291	0.62	0.59	34.219	27.531	29.921	32.285	36.933	54.3	0.022	1442.7	39
122	1	50	-1.335	-1.336	0.58	0.54	34.228	27.540	29.931	32.295	36.944	53.4	0.027	1442.7	49
122	1	60	-1.351	-1.352	0.57	0.53	34.237	27.547	29.939	32.304	36.953	52.6	0.033	1442.8	59
122	1	70	-1.377	-1.379	0.55	0.50	34.246	27.556	29.948	32.313	36.962	51.8	0.038	1442.8	69
122	1	80	-1.456	-1.458	0.48	0.42	34.262	27.571	29.964	32.330	36.982	50.3	0.043	1442.6	79
122	1	90	-1.003	-1.005	0.95	0.88	34.313	27.597	29.983	32.342	36.979	47.9	0.048	1445.0	89
122	1	100	-1.100	-1.103	0.86	0.78	34.338	27.621	30.008	32.368	37.009	45.6	0.053	1444.8	98
122	1	125	-1.317	-1.320	0.66	0.57	34.372	27.656	30.046	32.410	37.057	42.1	0.064	1444.2	123
122	1	150	-1.526	-1.529	0.48	0.36	34.416	27.698	30.092	32.459	37.112	37.8	0.074	1443.6	148
122	1	175	-1.364	-1.368	0.66	0.53	34.449	27.720	30.111	32.475	37.123	35.8	0.083	1444.9	173
122	1	200	-1.179	-1.184	0.86	0.71	34.485	27.743	30.131	32.492	37.133	33.6	0.091	1446.2	197
122	1	225	-1.417	-1.423	0.64	0.48	34.488	27.753	30.145	32.510	37.159	32.3	0.100	1445.5	222
122	1	250	-1.734	-1.740	0.35	0.16	34.497	27.770	30.167	32.536	37.195	30.4	0.107	1444.4	247
122	1	275	-1.855	-1.861	0.25	0.04	34.514	27.788	30.186	32.557	37.220	28.5	0.115	1444.2	271
122	1	300	-2.027	-2.033	0.10	-0.13	34.556	27.826	30.227	32.601	37.268	24.6	0.121	1443.9	296
122	1	325	-2.120	-2.126	0.03	-0.22	34.613	27.875	30.277	32.652	37.322	19.8	0.127	1443.9	321
122	1	350	-2.132	-2.139	0.03	-0.23	34.655	27.909	30.311	32.687	37.356	16.4	0.132	1444.3	345
122	1	375	-2.120	-2.128	0.07	-0.22	34.680	27.929	30.331	32.706	37.375	14.3	0.135	1444.8	370
122	1	400	-2.033	-2.042	0.17	-0.13	34.701	27.944	30.345	32.718	37.384	12.9	0.139	1445.7	395
122	1	425	-1.989	-1.998	0.24	-0.08	34.717	27.956	30.356	32.729	37.393	11.7	0.142	1446.3	420
122	1	450	-1.968	-1.978	0.28	-0.06	34.731	27.967	30.366	32.739	37.403	10.5	0.145	1446.8	444
122	1	475	-1.959	-1.970	0.31	-0.05	34.741	27.975	30.374	32.746	37.410	9.7	0.147	1447.3	469
122	1	500	-1.954	-1.966	0.33	-0.05	34.750	27.982	30.381	32.753	37.417	8.8	0.149	1447.8	494
122	1	550	-1.938	-1.951	0.39	-0.03	34.767	27.996	30.394	32.766	37.429	7.3	0.153	1448.7	543
122	1	600	-1.927	-1.942	0.43	-0.02	34.780	28.006	30.405	32.776	37.439	6.1	0.157	1449.6	592
122	1	650	-1.909	-1.925	0.49	0.00	34.792	28.015	30.414	32.785	37.447	5.0	0.160	1450.5	642
122	1	672	-1.891	-1.908	0.53	0.02	34.803	28.024	30.422	32.793	37.454	4.1	0.161	1451.0	663

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
122		114	-1.969	-1.971	34.307	27.622	6.76	28.4	2.09	70.9					2.74	1.29	12	112
122		149	-1.481	-1.484	34.392	27.678	6.73	25.4	2.06	70.1							11	147
122		212	-1.236	-1.242	34.493	27.751	6.14	30.1	2.21	78.8							10	210
122		334	-2.121	-2.128	34.626	27.885	6.51	30.3	2.19	77.9					1.92	0.96	9	330
122		366	-2.144	-2.151	34.666	27.918	6.48	30.3	2.19	78.9							8	362
122		697	-1.891	-1.909	34.800	28.022	6.46	30.7	2.21	80.2					2.46	1.28	7	689

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.872	-179.292	693	3	993	30	10	-2.		1808	12	FEB	1984	PS	84	2	122

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
122	2	0	-1.206	-1.206	0.67	0.67	34.196	27.509	29.899	32.261	36.906	56.5	0.000	1442.4	0
122	2	10	-1.202	-1.202	0.68	0.67	34.196	27.509	29.898	32.261	36.906	56.5	0.006	1442.6	9
122	2	20	-1.211	-1.211	0.68	0.66	34.194	27.508	29.897	32.260	36.905	56.6	0.011	1442.7	19
122	2	30	-1.195	-1.196	0.70	0.68	34.195	27.508	29.897	32.260	36.904	56.5	0.017	1443.0	29
122	2	40	-1.192	-1.193	0.72	0.69	34.202	27.514	29.903	32.265	36.910	55.9	0.023	1443.2	39
122	2	50	-1.224	-1.225	0.69	0.65	34.222	27.531	29.921	32.283	36.929	54.2	0.028	1443.2	49
122	2	60	-1.253	-1.254	0.67	0.63	34.222	27.532	29.922	32.285	36.931	54.1	0.034	1443.2	59
122	2	70	-1.309	-1.311	0.62	0.57	34.231	27.541	29.932	32.296	36.944	53.2	0.039	1443.1	69
122	2	80	-1.269	-1.271	0.67	0.61	34.258	27.562	29.952	32.315	36.962	51.2	0.044	1443.5	79
122	2	90	-1.246	-1.248	0.70	0.64	34.285	27.583	29.973	32.335	36.981	49.1	0.049	1443.8	89
122	2	100	-1.587	-1.589	0.37	0.29	34.296	27.603	29.998	32.366	37.022	47.1	0.054	1442.4	98
122	2	125	-1.536	-1.539	0.44	0.35	34.332	27.630	30.025	32.392	37.046	44.4	0.065	1443.1	123
122	2	150	-1.487	-1.490	0.51	0.40	34.396	27.681	30.074	32.440	37.092	39.5	0.076	1443.8	148
122	2	175	-1.459	-1.463	0.56	0.43	34.437	27.713	30.106	32.471	37.122	36.3	0.085	1444.4	173
122	2	200	-1.311	-1.316	0.73	0.58	34.472	27.737	30.127	32.490	37.136	34.1	0.094	1445.6	197
122	2	225	-1.448	-1.454	0.62	0.45	34.491	27.757	30.149	32.514	37.164	32.0	0.102	1445.3	222
122	2	250	-1.581	-1.587	0.50	0.31	34.504	27.772	30.166	32.533	37.187	30.4	0.110	1445.1	247
122	2	275	-1.835	-1.841	0.27	0.06	34.511	27.785	30.183	32.554	37.215	28.8	0.118	1444.3	271
122	2	300	-2.026	-2.032	0.10	-0.13	34.560	27.829	30.230	32.604	37.271	24.3	0.124	1443.9	296
122	2	325	-2.071	-2.078	0.07	-0.17	34.609	27.870	30.272	32.646	37.314	20.3	0.130	1444.1	321
122	2	350	-2.132	-2.139	0.03	-0.23	34.648	27.904	30.306	32.681	37.351	16.9	0.134	1444.3	345
122	2	375	-2.136	-2.144	0.05	-0.23	34.673	27.924	30.326	32.701	37.371	14.8	0.138	1444.7	370
122	2	400	-2.058	-2.067	0.15	-0.15	34.689	27.935	30.336	32.710	37.377	13.7	0.142	1445.5	395

Potential Temperature (°C)



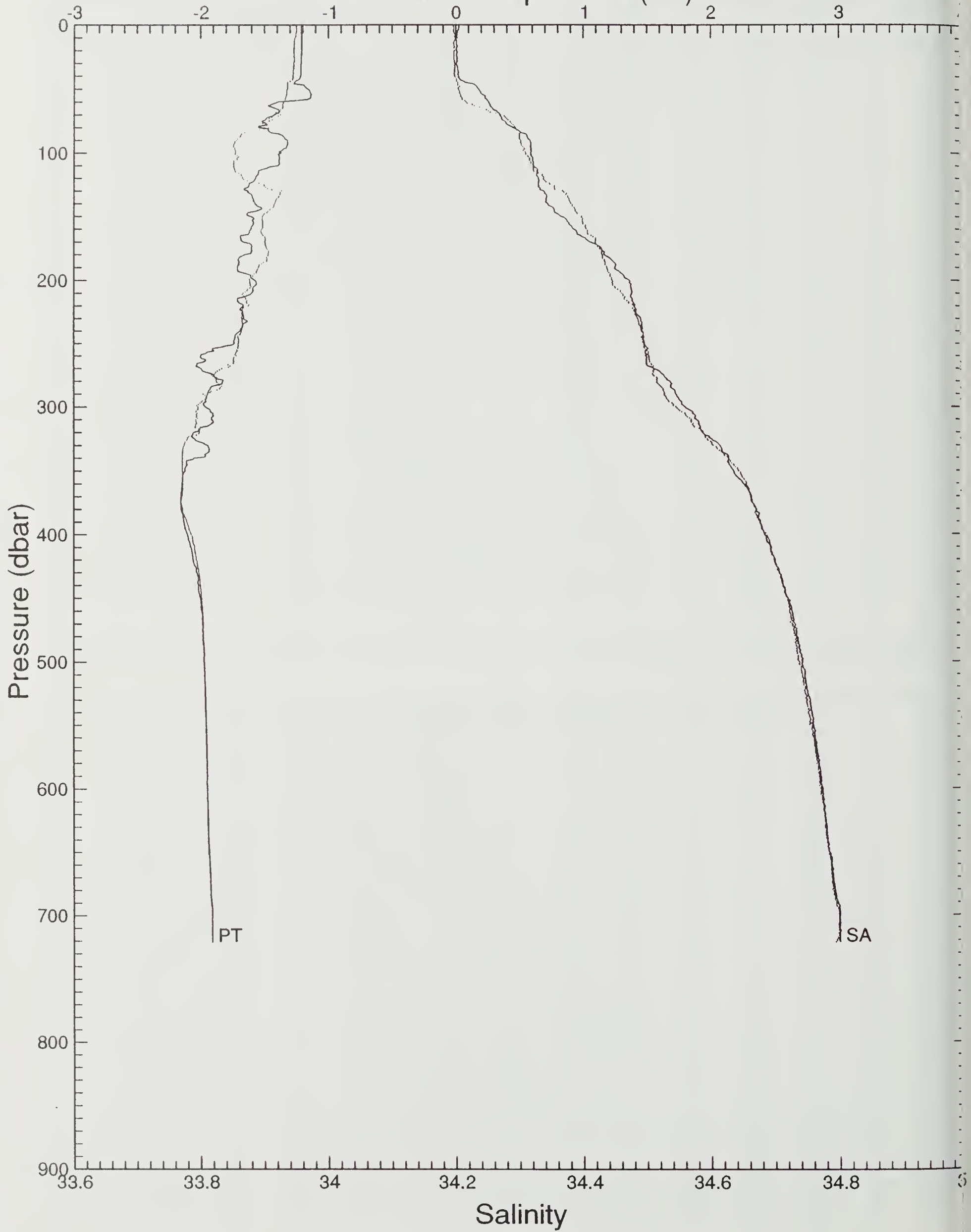
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.957	-179.440	711	3	993	30	9	-2.		1847	12	FEB	1984	PS	84	1	123

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
123	1	0	-1.220	-1.220	0.66	0.66	34.197	27.510	29.900	32.263	36.908	56.4	0.000	1442.4	0
123	1	10	-1.227	-1.227	0.66	0.65	34.194	27.508	29.898	32.261	36.907	56.6	0.006	1442.5	9
123	1	20	-1.233	-1.233	0.66	0.64	34.193	27.508	29.898	32.261	36.906	56.6	0.011	1442.6	19
123	1	30	-1.234	-1.235	0.67	0.64	34.195	27.509	29.899	32.262	36.908	56.4	0.017	1442.8	29
123	1	40	-1.237	-1.238	0.67	0.64	34.197	27.511	29.901	32.264	36.910	56.2	0.023	1442.9	39
123	1	50	-1.265	-1.266	0.65	0.61	34.205	27.519	29.909	32.272	36.919	55.4	0.028	1443.0	49
123	1	60	-1.236	-1.237	0.69	0.64	34.210	27.522	29.912	32.274	36.920	55.1	0.034	1443.3	59
123	1	70	-1.227	-1.229	0.70	0.65	34.213	27.524	29.914	32.276	36.922	54.8	0.039	1443.5	69
123	1	80	-1.252	-1.254	0.69	0.63	34.217	27.528	29.918	32.281	36.927	54.4	0.045	1443.5	79
123	1	90	-1.152	-1.154	0.80	0.73	34.247	27.549	29.937	32.299	36.942	52.4	0.050	1444.2	89
123	1	100	-1.181	-1.184	0.77	0.70	34.270	27.568	29.957	32.319	36.963	50.5	0.055	1444.3	98
123	1	125	-1.264	-1.267	0.71	0.62	34.329	27.619	30.009	32.372	37.018	45.5	0.067	1444.4	123
123	1	150	-1.381	-1.385	0.62	0.50	34.375	27.661	30.052	32.416	37.065	41.5	0.078	1444.3	148
123	1	175	-1.401	-1.405	0.62	0.49	34.441	27.715	30.106	32.471	37.120	36.2	0.088	1444.7	173
123	1	200	-1.403	-1.408	0.64	0.49	34.484	27.750	30.141	32.506	37.154	32.8	0.096	1445.1	197
123	1	225	-1.569	-1.574	0.49	0.32	34.505	27.772	30.166	32.533	37.186	30.5	0.104	1444.8	222
123	1	250	-1.704	-1.710	0.38	0.19	34.520	27.788	30.184	32.553	37.211	28.7	0.112	1444.6	247
123	1	275	-1.744	-1.750	0.36	0.15	34.538	27.804	30.201	32.570	37.229	27.1	0.119	1444.8	271
123	1	300	-1.827	-1.834	0.29	0.07	34.548	27.815	30.212	32.583	37.244	25.9	0.125	1444.8	296
123	1	325	-1.860	-1.867	0.28	0.04	34.565	27.829	30.227	32.599	37.261	24.3	0.132	1445.1	321
123	1	350	-1.924	-1.932	0.24	-0.03	34.593	27.854	30.253	32.625	37.289	21.8	0.137	1445.2	345
123	1	375	-1.998	-2.006	0.18	-0.10	34.625	27.882	30.282	32.655	37.321	19.0	0.142	1445.3	370
123	1	400	-2.018	-2.027	0.19	-0.11	34.656	27.907	30.308	32.681	37.347	16.4	0.147	1445.7	395
123	1	425	-2.047	-2.056	0.18	-0.14	34.674	27.923	30.323	32.697	37.364	14.7	0.151	1446.0	420
123	1	450	-2.002	-2.012	0.24	-0.10	34.705	27.947	30.347	32.720	37.385	12.4	0.154	1446.6	444
123	1	475	-1.985	-1.996	0.28	-0.08	34.720	27.959	30.358	32.731	37.396	11.2	0.157	1447.2	469
123	1	500	-1.963	-1.975	0.32	-0.06	34.737	27.972	30.371	32.743	37.407	9.8	0.160	1447.7	494
123	1	550	-1.948	-1.961	0.37	-0.04	34.754	27.985	30.384	32.756	37.420	8.3	0.164	1448.6	543
123	1	600	-1.932	-1.947	0.43	-0.02	34.772	28.000	30.398	32.770	37.433	6.7	0.168	1449.5	592
123	1	650	-1.923	-1.939	0.48	-0.01	34.782	28.008	30.406	32.778	37.440	5.7	0.171	1450.4	642
123	1	700	-1.892	-1.910	0.55	0.02	34.800	28.022	30.419	32.790	37.452	4.2	0.173	1451.4	691
123	1	713	-1.892	-1.911	0.56	0.02	34.801	28.022	30.420	32.791	37.452	4.0	0.174	1451.6	704

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.960	-179.440	711	3	993	40	9	-2.		1914	12	FEB	1984	PS	84	2	123

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
123	2	0	-1.249	-1.249	0.63	0.63	34.194	27.509	29.899	32.262	36.909	56.5	0.000	1442.2	0
123	2	10	-1.245	-1.245	0.64	0.63	34.193	27.508	29.898	32.261	36.908	56.6	0.006	1442.4	9
123	2	20	-1.248	-1.248	0.64	0.63	34.192	27.507	29.898	32.261	36.907	56.6	0.011	1442.6	19
123	2	30	-1.249	-1.250	0.65	0.63	34.194	27.509	29.899	32.262	36.909	56.4	0.017	1442.7	29
123	2	40	-1.247	-1.248	0.66	0.63	34.193	27.508	29.898	32.262	36.908	56.4	0.023	1442.9	39
123	2	50	-1.238	-1.239	0.68	0.64	34.199	27.513	29.903	32.266	36.912	56.0	0.028	1443.1	49
123	2	60	-1.250	-1.251	0.67	0.63	34.201	27.515	29.905	32.268	36.915	55.7	0.034	1443.2	59
123	2	70	-1.253	-1.255	0.68	0.62	34.215	27.526	29.916	32.280	36.926	54.6	0.039	1443.4	69
123	2	80	-1.222	-1.224	0.72	0.66	34.224	27.533	29.922	32.285	36.930	54.0	0.045	1443.7	79
123	2	90	-1.133	-1.135	0.81	0.74	34.235	27.538	29.927	32.288	36.930	53.4	0.050	1444.3	89
123	2	100	-1.130	-1.133	0.83	0.75	34.274	27.570	29.958	32.319	36.961	50.4	0.055	1444.5	98
123	2	125	-1.329	-1.332	0.65	0.55	34.324	27.617	30.008	32.372	37.020	45.7	0.067	1444.1	123
123	2	150	-1.478	-1.481	0.52	0.41	34.383	27.670	30.063	32.429	37.081	40.5	0.078	1443.8	148
123	2	175	-1.357	-1.361	0.66	0.53	34.445	27.717	30.107	32.471	37.119	36.1	0.088	1444.9	173
123	2	200	-1.365	-1.370	0.68	0.53	34.487	27.751	30.142	32.505	37.153	32.7	0.096	1445.3	197
123	2	225	-1.509	-1.514	0.55	0.39	34.505	27.770	30.163	32.529	37.181	30.7	0.104	1445.1	222
123	2	250	-1.501	-1.507	0.58	0.39	34.526	27.787	30.180	32.546	37.197	29.0	0.112	1445.5	247
123	2	275	-1.779	-1.785	0.32	0.12	34.531	27.799	30.196	32.567	37.226	27.5	0.119	1444.6	271
123	2	300	-1.830	-1.837	0.29	0.07	34.545	27.812	30.210	32.581	37.242	26.1	0.125	1444.8	296
123	2	325	-1.861	-1.868	0.28	0.04	34.561	27.826	30.224	32.596	37.258	24.6	0.132	1445.1	321
123	2	350	-1.908	-1.916	0.25	-0.01	34.591	27.852	30.251	32.622	37.286	22.0	0.138	1445.3	345
123	2	375	-1.984	-1.992	0.20	-0.08	34.623	27.880	30.280	32.653	37.318	19.2	0.143	1445.4	370
123	2	400	-2.022	-2.031	0.18	-0.12	34.651	27.903	30.304	32.677	37.344	16.7	0.147	1445.7	395
123	2	425	-2.053	-2.062	0.17	-0.15	34.671	27.920	30.321	32.695	37.362	14.9	0.151	1445.9	420
123	2	450	-2.032	-2.042	0.21	-0.13	34.694	27.939	30.339	32.713	37.379	13.1	0.155	1446.5	444
123	2	475	-1.988	-1.999	0.28	-0.08	34.716	27.956	30.355	32.728	37.393	11.4	0.158	1447.1	469
123	2	500	-1.963	-1.975	0.32	-0.06	34.734	27.970	30.369	32.741	37.405	10.0	0.160	1447.7	494
123	2	550	-1.947	-1.960	0.38	-0.04	34.753	27.985	30.384	32.755	37.419	8.4	0.165	1448.6	543
123	2	600	-1.930	-1.945	0.43	-0.02	34.770	27.998	30.397	32.768	37.431	6.8	0.169	1449.5	592
123	2	650	-1.923	-1.939	0.48	-0.01	34.778	28.004	30.403	32.774	37.437	6.0	0.172	1450.4	642

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.003	-179.805	719	3	994	40	8	-1.	1820	2054	12	FEB	1984	PS	84	1	124

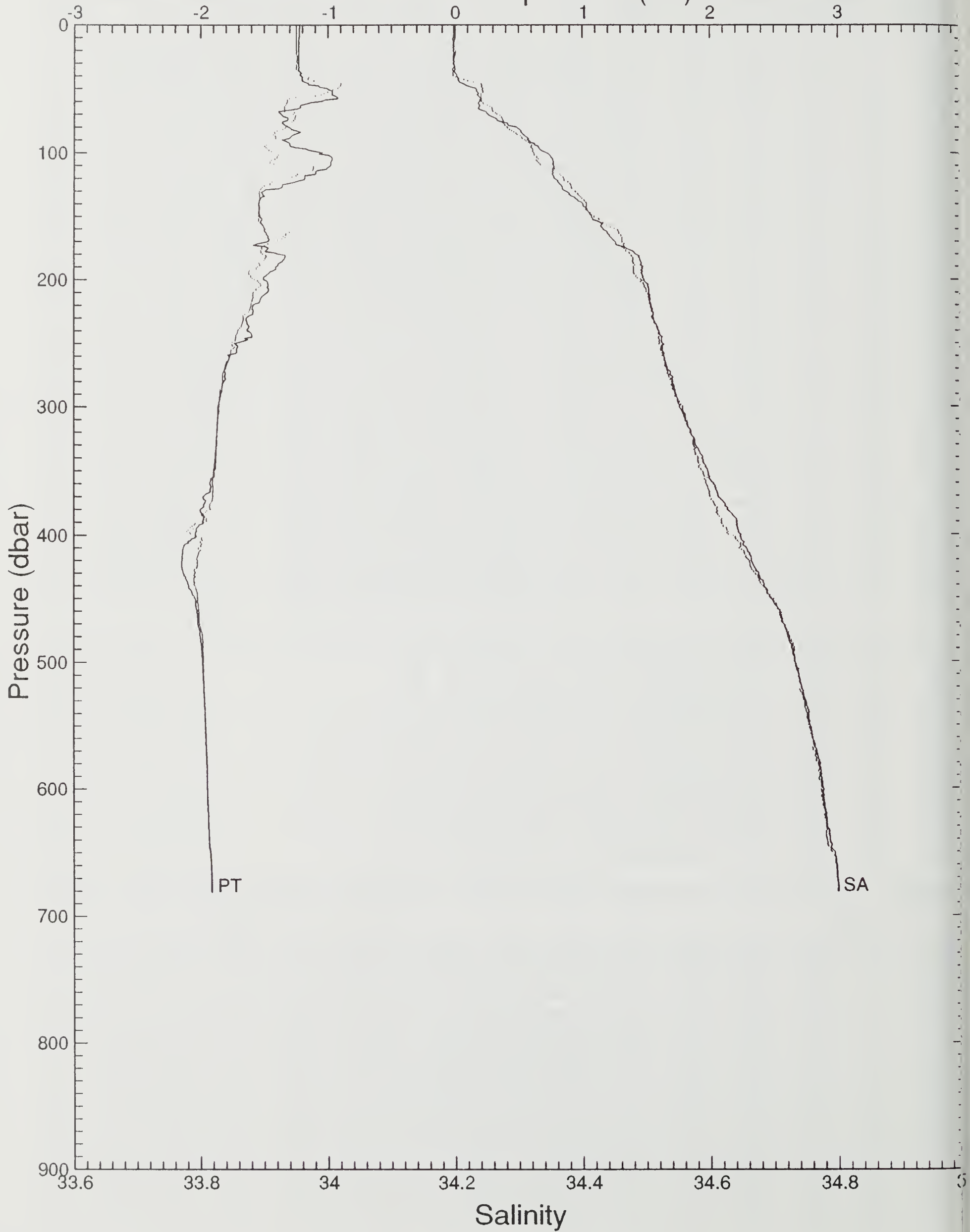
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
124	1	0	-1.212	-1.212	0.67	0.67	34.205	27.517	29.906	32.269	36.914	55.8	0.000	1442.4	0
124	1	10	-1.209	-1.209	0.67	0.67	34.202	27.514	29.904	32.266	36.911	56.0	0.006	1442.6	9
124	1	20	-1.209	-1.209	0.68	0.67	34.201	27.513	29.903	32.265	36.911	56.0	0.011	1442.8	19
124	1	30	-1.212	-1.213	0.69	0.66	34.200	27.513	29.902	32.265	36.910	56.1	0.017	1442.9	29
124	1	40	-1.216	-1.217	0.69	0.66	34.205	27.517	29.906	32.269	36.914	55.6	0.022	1443.0	39
124	1	50	-1.158	-1.159	0.76	0.72	34.236	27.540	29.929	32.290	36.933	53.4	0.028	1443.5	49
124	1	60	-1.394	-1.395	0.53	0.49	34.252	27.561	29.953	32.318	36.969	51.3	0.033	1442.6	59
124	1	70	-1.421	-1.423	0.51	0.46	34.270	27.576	29.969	32.335	36.986	49.8	0.038	1442.7	69
124	1	80	-1.543	-1.545	0.40	0.34	34.290	27.597	29.991	32.358	37.013	47.8	0.043	1442.3	79
124	1	90	-1.317	-1.319	0.63	0.57	34.317	27.611	30.002	32.366	37.013	46.4	0.048	1443.5	89
124	1	100	-1.364	-1.366	0.59	0.52	34.317	27.613	30.004	32.369	37.018	46.2	0.052	1443.5	98
124	1	125	-1.615	-1.618	0.36	0.27	34.330	27.631	30.027	32.395	37.051	44.3	0.064	1442.7	123
124	1	150	-1.602	-1.605	0.40	0.28	34.365	27.659	30.054	32.422	37.078	41.5	0.074	1443.2	148
124	1	175	-1.594	-1.598	0.43	0.30	34.429	27.711	30.106	32.473	37.128	36.5	0.084	1443.7	173
124	1	200	-1.566	-1.571	0.48	0.33	34.473	27.746	30.140	32.507	37.161	33.1	0.093	1444.3	197
124	1	225	-1.660	-1.665	0.40	0.23	34.483	27.757	30.152	32.521	37.177	31.9	0.101	1444.3	222
124	1	250	-1.727	-1.733	0.35	0.17	34.497	27.770	30.167	32.536	37.195	30.4	0.109	1444.4	247
124	1	275	-1.885	-1.891	0.22	0.01	34.527	27.799	30.198	32.570	37.233	27.4	0.116	1444.1	271
124	1	300	-1.954	-1.960	0.17	-0.06	34.560	27.828	30.227	32.600	37.265	24.5	0.122	1444.2	296
124	1	325	-2.035	-2.042	0.11	-0.14	34.602	27.864	30.265	32.638	37.306	20.9	0.128	1444.3	321
124	1	350	-2.113	-2.120	0.05	-0.21	34.636	27.893	30.295	32.670	37.339	17.9	0.133	1444.4	345
124	1	375	-2.146	-2.154	0.04	-0.24	34.666	27.919	30.321	32.696	37.366	15.3	0.137	1444.7	370
124	1	400	-2.092	-2.100	0.11	-0.19	34.684	27.932	30.333	32.708	37.376	14.0	0.141	1445.4	395
124	1	425	-2.031	-2.040	0.19	-0.13	34.703	27.946	30.346	32.720	37.386	12.6	0.144	1446.1	419
124	1	450	-1.989	-1.999	0.26	-0.08	34.721	27.960	30.359	32.732	37.397	11.2	0.147	1446.7	444
124	1	475	-1.969	-1.980	0.30	-0.06	34.733	27.969	30.368	32.740	37.404	10.2	0.150	1447.3	469
124	1	500	-1.958	-1.970	0.33	-0.05	34.743	27.977	30.376	32.748	37.412	9.4	0.152	1447.7	494
124	1	550	-1.941	-1.954	0.38	-0.03	34.760	27.990	30.389	32.761	37.424	7.8	0.157	1448.7	543
124	1	600	-1.930	-1.945	0.43	-0.02	34.774	28.001	30.400	32.771	37.434	6.5	0.160	1449.5	592
124	1	650	-1.919	-1.935	0.48	-0.01	34.784	28.009	30.408	32.779	37.441	5.6	0.163	1450.4	642
124	1	700	-1.890	-1.908	0.55	0.02	34.801	28.022	30.420	32.791	37.452	4.1	0.166	1451.4	691
124	1	721	-1.889	-1.908	0.57	0.02	34.801	28.022	30.420	32.791	37.452	4.0	0.166	1451.8	712

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
124		20	-1.272	-1.272	34.198	27.513	8.49	17.4	1.43	66.5						2.10	12	20
124		104	-1.710	-1.712	34.318	27.624	7.15	25.8	1.91	68.7					3.21	1.47	11	102
124		185	-1.476	-1.480	34.431	27.709	6.28	29.4	2.16	73.7					2.05	0.99	10	183
124		255	-1.710	-1.716	34.499	27.771	6.38	31.0	2.16	76.4					2.29	1.16	9	252
124		308	-2.025	-2.031	34.564	27.833	6.46	31.0	2.17	76.3					2.06	0.98	8	304
124		357	-2.130	-2.137	34.654	27.908	6.43	31.5	2.24	78.3					1.94	1.02	7	353
124		381	-2.132	-2.140	34.673	27.924	6.46	31.2	2.19	78.4					2.06	1.00	6	377
124		411	-2.035	-2.044	34.694	27.939	6.43	31.3	2.19	78.4					2.05	1.05	5	406
124		483	-1.963	-1.974	34.733	27.969	6.42	31.4	2.19	78.8					2.38	1.14	4	477
124		555	-1.943	-1.956	34.757	27.988	6.43	31.3	2.19	78.8					2.43	1.17	3	548
124		631	-1.923	-1.939	34.782	28.008	6.46	31.3	2.19	79.2					2.50	1.17	2	623
124		722	-1.889	-1.908	34.801	28.022	6.45	31.2	2.20	80.0					2.46	1.21	1	713

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.012	-179.815	719	3	994	40	10	-2.	690	2145	12	FEB	1984	PS	84	2	124

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
124	2	0	-1.250	-1.250	0.63	0.63	34.197	27.512	29.902	32.265	36.911	56.3	0.000	1442.2	0
124	2	10	-1.262	-1.262	0.62	0.61	34.199	27.514	29.904	32.267	36.914	56.1	0.006	1442.3	9
124	2	20	-1.272	-1.272	0.62	0.60	34.198	27.513	29.904	32.267	36.914	56.1	0.011	1442.5	19
124	2	30	-1.270	-1.271	0.63	0.61	34.198	27.513	29.903	32.267	36.914	56.0	0.017	1442.6	29
124	2	40	-1.276	-1.277	0.63	0.60	34.198	27.513	29.904	32.267	36.915	56.0	0.022	1442.8	39
124	2	50	-1.319	-1.320	0.59	0.56	34.204	27.520	29.911	32.275	36.923	55.3	0.028	1442.7	49
124	2	60	-1.347	-1.348	0.58	0.53	34.216	27.530	29.922	32.286	36.936	54.2	0.034	1442.8	59
124	2	70	-1.374	-1.376	0.56	0.51	34.269	27.574	29.966	32.331	36.980	50.0	0.039	1442.9	69
124	2	80	-1.467	-1.469	0.47	0.41	34.294	27.597	29.991	32.357	37.009	47.8	0.044	1442.6	79
124	2	90	-1.717	-1.719	0.23	0.16	34.302	27.611	30.008	32.378	37.038	46.3	0.048	1441.6	89
124	2	100	-1.723	-1.725	0.23	0.16	34.310	27.618	30.015	32.385	37.045	45.6	0.053	1441.7	98
124	2	125	-1.500	-1.503	0.48	0.39	34.348	27.642	30.036	32.402	37.055	43.3	0.064	1443.3	123
124	2	150	-1.511	-1.514	0.49	0.38	34.398	27.683	30.077	32.443	37.096	39.3	0.074	1443.7	148
124	2	175	-1.479	-1.483	0.54	0.41	34.426	27.705	30.098	32.464	37.115	37.1	0.084	1444.3	173
124	2	200	-1.608	-1.613	0.43	0.28	34.446	27.725	30.120	32.488	37.143	35.0	0.093	1444.1	197
124	2	225	-1.667	-1.672	0.39	0.23	34.482	27.756	30.152	32.520	37.177	31.9	0.101	1444.3	222

Potential Temperature (°C)



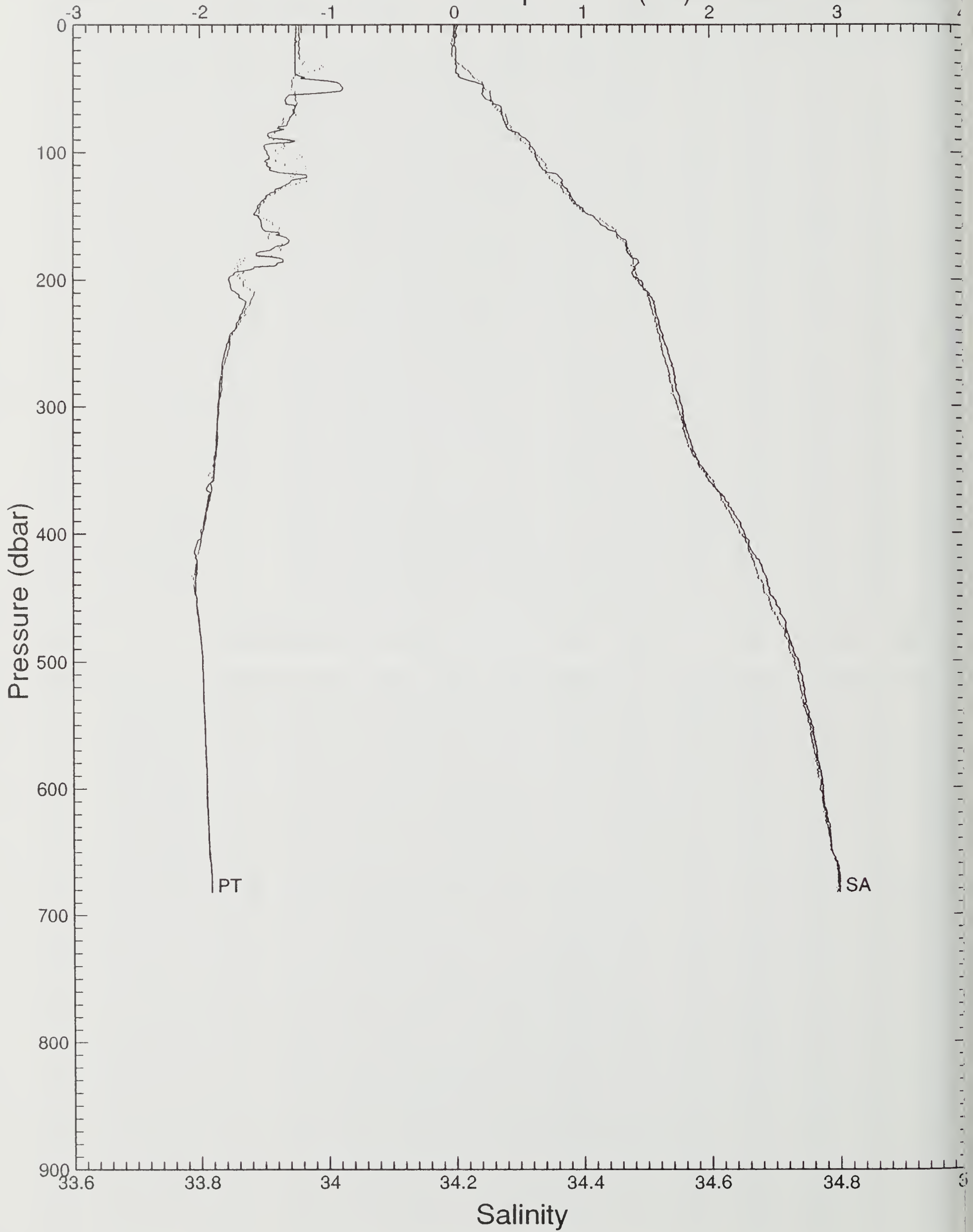
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.917	-179.845	681		994	40	10	-2.		2237	12	FEB	1984	PS	84	1	125

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
125	1	0	-1.223	-1.223	0.65	0.65	34.200	27.513	29.903	32.266	36.911	56.2	0.000	1442.4	0
125	1	10	-1.227	-1.227	0.66	0.65	34.197	27.511	29.901	32.263	36.909	56.3	0.006	1442.5	9
125	1	20	-1.228	-1.228	0.66	0.65	34.197	27.511	29.901	32.263	36.909	56.3	0.011	1442.7	19
125	1	30	-1.227	-1.228	0.67	0.65	34.197	27.511	29.901	32.263	36.909	56.2	0.017	1442.8	29
125	1	40	-1.214	-1.215	0.69	0.66	34.203	27.515	29.905	32.267	36.913	55.8	0.023	1443.1	39
125	1	50	-1.005	-1.006	0.91	0.87	34.233	27.532	29.918	32.277	36.916	54.2	0.028	1444.2	49
125	1	60	-1.048	-1.050	0.88	0.83	34.239	27.538	29.925	32.285	36.925	53.5	0.033	1444.2	59
125	1	70	-1.363	-1.365	0.57	0.52	34.252	27.560	29.952	32.316	36.966	51.4	0.039	1442.9	69
125	1	80	-1.309	-1.311	0.63	0.57	34.297	27.595	29.985	32.349	36.996	48.1	0.044	1443.4	79
125	1	90	-1.358	-1.360	0.59	0.52	34.314	27.610	30.002	32.366	37.015	46.5	0.048	1443.3	89
125	1	100	-1.036	-1.039	0.92	0.85	34.343	27.622	30.009	32.368	37.007	45.4	0.053	1445.1	98
125	1	125	-1.351	-1.354	0.63	0.53	34.366	27.652	30.043	32.407	37.055	42.4	0.064	1444.0	123
125	1	150	-1.528	-1.531	0.47	0.36	34.415	27.698	30.091	32.458	37.111	37.9	0.074	1443.6	148
125	1	175	-1.461	-1.465	0.56	0.43	34.468	27.739	30.131	32.496	37.147	34.0	0.083	1444.4	173
125	1	200	-1.497	-1.502	0.55	0.40	34.498	27.764	30.157	32.523	37.174	31.4	0.091	1444.7	197
125	1	225	-1.578	-1.583	0.49	0.32	34.510	27.776	30.170	32.537	37.191	30.1	0.099	1444.7	222
125	1	250	-1.721	-1.727	0.36	0.17	34.526	27.794	30.190	32.559	37.217	28.2	0.106	1444.5	247
125	1	275	-1.799	-1.805	0.30	0.10	34.538	27.806	30.203	32.573	37.234	26.9	0.113	1444.5	271
125	1	300	-1.846	-1.853	0.28	0.05	34.553	27.819	30.217	32.588	37.250	25.4	0.119	1444.7	296
125	1	325	-1.865	-1.872	0.28	0.03	34.576	27.838	30.237	32.608	37.270	23.5	0.126	1445.1	321
125	1	350	-1.886	-1.894	0.28	0.01	34.597	27.856	30.254	32.626	37.289	21.6	0.131	1445.4	345
125	1	375	-1.957	-1.965	0.23	-0.06	34.622	27.878	30.278	32.650	37.315	19.3	0.136	1445.5	370
125	1	400	-2.028	-2.037	0.17	-0.13	34.649	27.902	30.302	32.676	37.343	16.9	0.141	1445.6	395
125	1	425	-2.135	-2.144	0.09	-0.23	34.669	27.921	30.323	32.698	37.368	14.8	0.145	1445.5	420
125	1	450	-2.031	-2.041	0.21	-0.13	34.694	27.939	30.339	32.712	37.379	13.1	0.148	1446.5	444
125	1	475	-1.993	-2.004	0.27	-0.09	34.719	27.958	30.358	32.731	37.395	11.2	0.151	1447.1	469
125	1	500	-1.969	-1.981	0.31	-0.06	34.732	27.968	30.367	32.740	37.404	10.2	0.154	1447.7	494
125	1	550	-1.946	-1.959	0.38	-0.04	34.756	27.987	30.386	32.758	37.421	8.1	0.159	1448.6	543
125	1	600	-1.929	-1.944	0.43	-0.02	34.776	28.003	30.401	32.773	37.436	6.4	0.162	1449.6	592
125	1	650	-1.904	-1.920	0.50	0.01	34.795	28.018	30.416	32.787	37.449	4.8	0.165	1450.5	642
125	1	681	-1.891	-1.909	0.53	0.02	34.799	28.021	30.419	32.789	37.451	4.4	0.166	1451.1	672

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.937	-179.815	681		994	30	10	-2.	8950	2312	12	FEB	1984	PS	84	2	125

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
125	2	0	-1.247	-1.247	0.63	0.63	34.198	27.512	29.902	32.265	36.912	56.2	0.000	1442.2	0
125	2	10	-1.249	-1.249	0.63	0.63	34.199	27.513	29.903	32.266	36.913	56.1	0.006	1442.4	9
125	2	20	-1.249	-1.249	0.64	0.63	34.201	27.515	29.905	32.268	36.914	55.9	0.011	1442.6	19
125	2	30	-1.238	-1.239	0.66	0.64	34.197	27.511	29.901	32.264	36.910	56.2	0.017	1442.8	29
125	2	40	-1.207	-1.208	0.70	0.67	34.197	27.510	29.900	32.262	36.907	56.3	0.022	1443.1	39
125	2	50	-0.921	-0.922	1.00	0.96	34.244	27.538	29.923	32.280	36.917	53.6	0.028	1444.7	49
125	2	60	-1.315	-1.316	0.61	0.56	34.242	27.550	29.941	32.305	36.953	52.3	0.033	1443.0	59
125	2	70	-1.269	-1.271	0.66	0.61	34.266	27.568	29.958	32.322	36.968	50.6	0.038	1443.4	69
125	2	80	-1.325	-1.327	0.62	0.56	34.282	27.583	29.974	32.338	36.986	49.1	0.043	1443.3	79
125	2	90	-1.375	-1.377	0.58	0.51	34.310	27.607	29.999	32.364	37.013	46.8	0.048	1443.2	89
125	2	100	-1.422	-1.424	0.54	0.46	34.324	27.620	30.013	32.378	37.029	45.5	0.053	1443.2	98
125	2	125	-1.449	-1.452	0.53	0.44	34.382	27.668	30.061	32.426	37.077	40.8	0.064	1443.6	123
125	2	150	-1.538	-1.541	0.46	0.35	34.419	27.701	30.095	32.462	37.115	37.6	0.073	1443.6	148
125	2	175	-1.513	-1.517	0.51	0.38	34.463	27.736	30.129	32.496	37.148	34.2	0.082	1444.2	173
125	2	200	-1.567	-1.572	0.48	0.33	34.492	27.761	30.155	32.522	37.176	31.6	0.091	1444.4	197
125	2	225	-1.614	-1.619	0.45	0.28	34.509	27.777	30.171	32.539	37.194	30.0	0.098	1444.6	222
125	2	250	-1.727	-1.733	0.36	0.17	34.522	27.791	30.187	32.556	37.214	28.5	0.106	1444.5	247
125	2	275	-1.816	-1.822	0.29	0.08	34.536	27.804	30.202	32.573	37.234	27.0	0.113	1444.5	271
125	2	300	-1.853	-1.860	0.27	0.04	34.558	27.823	30.221	32.593	37.254	25.0	0.119	1444.7	296
125	2	325	-1.864	-1.871	0.28	0.03	34.575	27.837	30.236	32.607	37.269	23.6	0.125	1445.1	321
125	2	350	-1.881	-1.889	0.28	0.02	34.587	27.848	30.246	32.618	37.280	22.4	0.131	1445.4	345
125	2	375	-1.909	-1.917	0.27	-0.01	34.606	27.864	30.263	32.635	37.298	20.7	0.136	1445.7	370
125	2	400	-2.032	-2.041	0.17	-0.13	34.629	27.886	30.286	32.660	37.327	18.4	0.141	1445.6	395
125	2	425	-2.017	-2.026	0.21	-0.11	34.663	27.913	30.313	32.687	37.353	15.7	0.145	1446.1	420
125	2	450	-2.010	-2.020	0.23	-0.10	34.696	27.940	30.340	32.713	37.379	13.0	0.149	1446.6	444
125	2	475	-1.982	-1.993	0.28	-0.08	34.720	27.959	30.358	32.731	37.395	11.2	0.152	1447.2	469
125	2	500	-1.963	-1.975	0.32	-0.06	34.733	27.969	30.368	32.740	37.404	10.1	0.155	1447.7	494
125	2	550	-1.944	-1.957	0.38	-0.04	34.754	27.985	30.384	32.756	37.419	8.3	0.159	1448.6	543
125	2	600	-1.927	-1.942	0.43	-0.02	34.775	28.002	30.401	32.772	37.435	6.5	0.163	1449.6	592
125	2	650	-1.901	-1.917	0.50	0.01	34.790	28.014	30.412	32.783	37.444	5.2	0.166	1450.5	642
125	2	681	-1.892	-1.910	0.53	0.02	34.801	28.022	30.420	32.791	37.452	4.2	0.167	1451.1	672

Potential Temperature (°C)

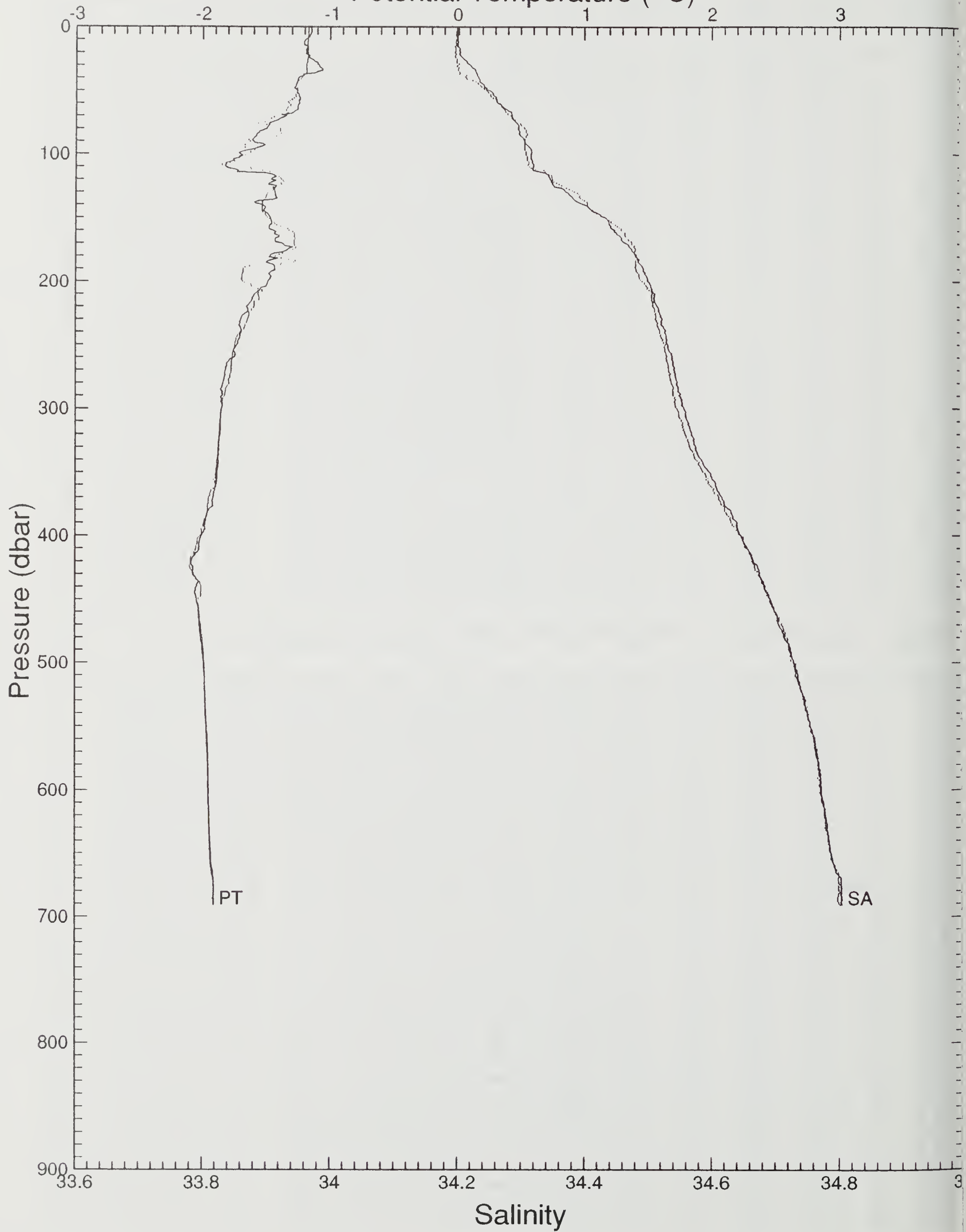


LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-77.937 -179.815 683 6 994 30 10 -2. 8950 2313 12 FEB 1984 PS 84 1 126

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
126	1	0	-1.241	-1.241	0.64	0.64	34.205	27.518	29.908	32.271	36.917	55.7	0.000	1442.3	0
126	1	10	-1.246	-1.246	0.64	0.63	34.203	27.516	29.906	32.269	36.916	55.8	0.006	1442.4	9
126	1	20	-1.249	-1.249	0.64	0.63	34.203	27.516	29.906	32.270	36.916	55.8	0.011	1442.6	19
126	1	30	-1.249	-1.250	0.65	0.63	34.203	27.516	29.906	32.270	36.916	55.7	0.017	1442.7	29
126	1	40	-1.219	-1.220	0.69	0.66	34.207	27.519	29.908	32.271	36.916	55.5	0.022	1443.0	39
126	1	50	-0.873	-0.874	1.04	1.01	34.245	27.537	29.921	32.278	36.913	53.8	0.028	1444.9	49
126	1	60	-1.323	-1.324	0.60	0.56	34.261	27.566	29.957	32.321	36.969	50.9	0.033	1442.9	59
126	1	70	-1.264	-1.266	0.67	0.62	34.274	27.575	29.965	32.328	36.974	50.0	0.038	1443.4	69
126	1	80	-1.380	-1.382	0.56	0.50	34.282	27.585	29.977	32.342	36.991	49.0	0.043	1443.0	79
126	1	90	-1.304	-1.306	0.65	0.58	34.314	27.608	29.999	32.362	37.009	46.7	0.048	1443.6	89
126	1	100	-1.466	-1.468	0.49	0.42	34.328	27.625	30.018	32.384	37.036	45.0	0.052	1443.0	98
126	1	125	-1.305	-1.308	0.68	0.58	34.370	27.654	30.044	32.408	37.054	42.3	0.063	1444.2	123
126	1	150	-1.538	-1.541	0.46	0.35	34.417	27.700	30.093	32.460	37.113	37.7	0.073	1443.6	148
126	1	175	-1.410	-1.414	0.61	0.48	34.471	27.739	30.131	32.495	37.144	33.9	0.082	1444.7	173
126	1	200	-1.767	-1.771	0.28	0.13	34.489	27.765	30.162	32.532	37.192	31.2	0.090	1443.4	197
126	1	225	-1.657	-1.662	0.41	0.24	34.515	27.783	30.178	32.546	37.202	29.4	0.098	1444.4	222
126	1	250	-1.778	-1.783	0.31	0.12	34.531	27.799	30.196	32.566	37.226	27.6	0.105	1444.2	247
126	1	275	-1.822	-1.828	0.28	0.07	34.544	27.811	30.209	32.580	37.241	26.4	0.112	1444.4	271
126	1	300	-1.848	-1.855	0.28	0.05	34.557	27.822	30.220	32.592	37.253	25.1	0.118	1444.7	296
126	1	325	-1.862	-1.869	0.28	0.04	34.567	27.831	30.229	32.600	37.263	24.2	0.124	1445.1	321
126	1	350	-1.876	-1.884	0.29	0.02	34.591	27.851	30.249	32.621	37.283	22.1	0.130	1445.5	345
126	1	375	-1.928	-1.936	0.25	-0.03	34.625	27.880	30.279	32.651	37.315	19.2	0.135	1445.7	370
126	1	400	-1.970	-1.979	0.23	-0.07	34.653	27.904	30.303	32.676	37.341	16.8	0.140	1445.9	395
126	1	425	-2.012	-2.021	0.21	-0.11	34.680	27.927	30.327	32.700	37.366	14.4	0.144	1446.2	420
126	1	450	-2.014	-2.024	0.23	-0.11	34.698	27.941	30.342	32.715	37.380	12.9	0.147	1446.6	444
126	1	475	-1.991	-2.002	0.27	-0.09	34.718	27.957	30.357	32.730	37.394	11.3	0.150	1447.1	469
126	1	500	-1.966	-1.978	0.32	-0.06	34.737	27.972	30.371	32.744	37.407	9.8	0.153	1447.7	494
126	1	550	-1.949	-1.962	0.37	-0.04	34.756	27.987	30.386	32.758	37.421	8.1	0.157	1448.6	543
126	1	600	-1.932	-1.947	0.43	-0.02	34.774	28.001	30.400	32.772	37.434	6.5	0.161	1449.5	592
126	1	650	-1.914	-1.930	0.49	0.00	34.789	28.013	30.411	32.783	37.445	5.2	0.164	1450.5	642
126	1	682	-1.894	-1.912	0.53	0.02	34.800	28.022	30.420	32.790	37.452	4.3	0.165	1451.1	673

LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
-77.953 -179.785 683 6 994 10 8 -2. 7700 2343 12 FEB 1984 PS 84 2 126

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
126	2	0	-1.219	-1.219	0.66	0.66	34.203	27.515	29.905	32.268	36.913	55.9	0.000	1442.4	0
126	2	10	-1.216	-1.216	0.67	0.66	34.200	27.513	29.902	32.265	36.910	56.1	0.006	1442.6	9
126	2	20	-1.216	-1.216	0.68	0.66	34.197	27.510	29.900	32.263	36.908	56.3	0.011	1442.7	19
126	2	30	-1.185	-1.186	0.71	0.69	34.206	27.517	29.906	32.268	36.912	55.7	0.017	1443.0	29
126	2	40	-1.247	-1.248	0.66	0.63	34.229	27.537	29.927	32.290	36.936	53.7	0.022	1442.9	39
126	2	50	-1.288	-1.289	0.63	0.59	34.248	27.554	29.945	32.308	36.955	52.0	0.028	1442.9	49
126	2	60	-1.237	-1.238	0.69	0.64	34.258	27.561	29.950	32.313	36.959	51.4	0.033	1443.3	59
126	2	70	-1.241	-1.243	0.69	0.64	34.281	27.579	29.969	32.332	36.977	49.6	0.038	1443.5	69
126	2	80	-1.380	-1.382	0.56	0.50	34.290	27.591	29.983	32.348	36.998	48.4	0.043	1443.0	79
126	2	90	-1.416	-1.418	0.53	0.47	34.304	27.604	29.996	32.362	37.012	47.1	0.048	1443.0	89
126	2	100	-1.365	-1.367	0.59	0.52	34.322	27.617	30.008	32.373	37.022	45.8	0.052	1443.5	98
126	2	125	-1.237	-1.240	0.74	0.65	34.362	27.645	30.034	32.397	37.041	43.1	0.063	1444.5	123
126	2	150	-1.530	-1.533	0.47	0.36	34.419	27.701	30.095	32.461	37.114	37.6	0.073	1443.6	148
126	2	175	-1.367	-1.371	0.66	0.52	34.473	27.740	30.130	32.494	37.142	33.9	0.082	1444.9	173
126	2	200	-1.634	-1.639	0.41	0.26	34.485	27.758	30.153	32.521	37.176	31.9	0.091	1444.0	197
126	2	225	-1.639	-1.644	0.43	0.25	34.511	27.779	30.174	32.542	37.198	29.8	0.098	1444.5	222
126	2	250	-1.755	-1.761	0.33	0.14	34.525	27.794	30.191	32.560	37.219	28.2	0.105	1444.3	247
126	2	275	-1.815	-1.821	0.29	0.08	34.538	27.806	30.204	32.574	37.235	26.8	0.112	1444.5	271
126	2	300	-1.841	-1.848	0.28	0.06	34.550	27.817	30.214	32.585	37.247	25.7	0.119	1444.8	296
126	2	325	-1.849	-1.856	0.29	0.05	34.563	27.827	30.225	32.596	37.258	24.5	0.125	1445.1	321
126	2	350	-1.879	-1.887	0.28	0.02	34.587	27.848	30.246	32.618	37.280	22.4	0.131	1445.4	345
126	2	375	-1.921	-1.929	0.26	-0.02	34.620	27.876	30.275	32.647	37.310	19.6	0.136	1445.7	370
126	2	400	-1.975	-1.984	0.23	-0.07	34.646	27.898	30.298	32.671	37.336	17.3	0.141	1445.9	395
126	2	425	-2.024	-2.033	0.20	-0.12	34.669	27.918	30.319	32.692	37.358	15.2	0.145	1446.1	420
126	2	450	-2.013	-2.023	0.23	-0.11	34.691	27.936	30.336	32.709	37.375	13.4	0.149	1446.6	444
126	2	475	-1.990	-2.001	0.27	-0.08	34.714	27.954	30.354	32.726	37.391	11.6	0.152	1447.1	469
126	2	500	-1.965	-1.977	0.32	-0.06	34.731	27.967	30.366	32.739	37.403	10.2	0.154	1447.7	494
126	2	550	-1.949	-1.962	0.37	-0.04	34.754	27.986	30.384	32.756	37.420	8.3	0.159	1448.6	543
126	2	600	-1.929	-1.944	0.43	-0.02	34.771	27.999	30.397	32.769	37.432	6.8	0.163	1449.5	592
126	2	650	-1.909	-1.925	0.49	0.00	34.788	28.012	30.410	32.782	37.443	5.3	0.166	1450.5	642
126	2	682	-1.894	-1.912	0.53	0.02	34.796	28.018	30.416	32.787	37.449	4.6	0.167	1451.1	673

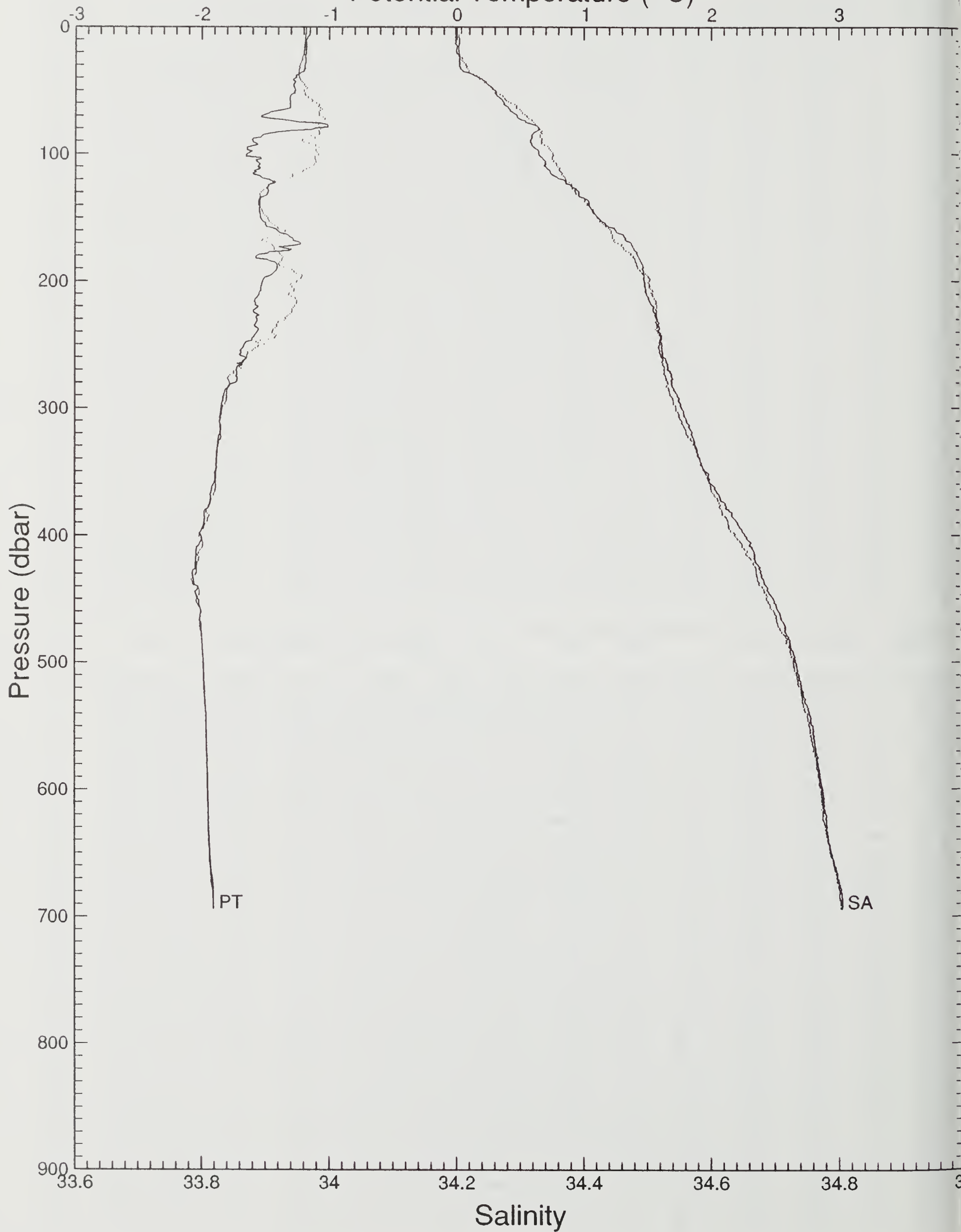
Potential Temperature ($^{\circ}\text{C}$)

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.953	-179.785	691		994	10	8	-2.	7700	2346	12	FEB	1984	PS	84	1	127

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
127	1	0	-1.147	-1.147	0.73	0.73	34.202	27.512	29.900	32.262	36.905	56.3	0.000	1442.7	0
127	1	10	-1.194	-1.194	0.69	0.68	34.199	27.511	29.900	32.263	36.907	56.3	0.006	1442.7	9
127	1	20	-1.185	-1.185	0.71	0.69	34.204	27.515	29.904	32.266	36.911	55.9	0.011	1442.9	19
127	1	30	-1.083	-1.084	0.82	0.79	34.221	27.525	29.913	32.273	36.914	54.9	0.017	1443.5	29
127	1	40	-1.250	-1.251	0.66	0.63	34.233	27.541	29.931	32.294	36.940	53.4	0.022	1442.9	39
127	1	50	-1.256	-1.257	0.66	0.62	34.251	27.556	29.946	32.309	36.955	51.9	0.028	1443.1	49
127	1	60	-1.240	-1.241	0.69	0.64	34.264	27.566	29.955	32.318	36.964	50.9	0.033	1443.3	59
127	1	70	-1.340	-1.342	0.59	0.54	34.286	27.587	29.978	32.342	36.991	48.8	0.038	1443.1	69
127	1	80	-1.497	-1.499	0.44	0.38	34.296	27.600	29.994	32.360	37.013	47.5	0.042	1442.5	79
127	1	90	-1.599	-1.601	0.35	0.28	34.306	27.611	30.006	32.375	37.031	46.4	0.047	1442.2	89
127	1	100	-1.704	-1.706	0.25	0.18	34.316	27.622	30.019	32.389	37.048	45.2	0.052	1441.8	98
127	1	125	-1.415	-1.418	0.56	0.47	34.352	27.643	30.035	32.400	37.050	43.3	0.063	1443.7	123
127	1	150	-1.462	-1.466	0.54	0.43	34.433	27.710	30.103	32.468	37.119	36.8	0.073	1444.0	148
127	1	175	-1.327	-1.331	0.70	0.56	34.475	27.740	30.130	32.493	37.140	33.9	0.082	1445.1	173
127	1	200	-1.478	-1.483	0.57	0.42	34.500	27.765	30.158	32.523	37.174	31.3	0.090	1444.8	197
127	1	225	-1.653	-1.658	0.41	0.24	34.519	27.786	30.181	32.549	37.205	29.1	0.097	1444.4	222
127	1	250	-1.719	-1.725	0.36	0.18	34.532	27.798	30.195	32.564	37.222	27.8	0.104	1444.5	247
127	1	275	-1.818	-1.824	0.29	0.08	34.544	27.811	30.209	32.579	37.240	26.4	0.111	1444.5	271
127	1	300	-1.840	-1.847	0.28	0.06	34.557	27.822	30.220	32.591	37.253	25.2	0.118	1444.8	296
127	1	325	-1.859	-1.866	0.28	0.04	34.572	27.835	30.233	32.604	37.266	23.8	0.124	1445.1	321
127	1	350	-1.873	-1.881	0.29	0.03	34.597	27.856	30.254	32.625	37.287	21.7	0.129	1445.5	345
127	1	375	-1.908	-1.916	0.27	-0.01	34.620	27.875	30.274	32.646	37.309	19.7	0.135	1445.8	370
127	1	400	-1.997	-2.006	0.21	-0.10	34.647	27.900	30.300	32.673	37.338	17.1	0.139	1445.8	395
127	1	425	-2.061	-2.070	0.16	-0.16	34.673	27.922	30.323	32.697	37.365	14.8	0.143	1445.9	420
127	1	450	-2.028	-2.038	0.22	-0.12	34.693	27.938	30.338	32.712	37.378	13.2	0.147	1446.5	444
127	1	475	-2.000	-2.011	0.26	-0.09	34.711	27.952	30.352	32.724	37.390	11.8	0.150	1447.1	469
127	1	500	-1.971	-1.983	0.31	-0.06	34.730	27.967	30.366	32.738	37.402	10.3	0.153	1447.6	494
127	1	550	-1.949	-1.962	0.37	-0.04	34.754	27.986	30.384	32.756	37.420	8.3	0.157	1448.6	543
127	1	600	-1.931	-1.946	0.43	-0.02	34.773	28.001	30.399	32.771	37.433	6.6	0.161	1449.5	592
127	1	650	-1.916	-1.932	0.48	-0.01	34.788	28.012	30.411	32.782	37.444	5.3	0.164	1450.5	642
127	1	691	-1.886	-1.904	0.55	0.03	34.805	28.025	30.423	32.794	37.455	3.9	0.166	1451.3	682

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.967	-179.765	691		994	360	7	-2.	6430	0017	13	FEB	1984	PS	84	2	127

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
127	2	0	-1.170	-1.170	0.71	0.71	34.199	27.510	29.899	32.261	36.905	56.4	0.000	1442.6	0
127	2	10	-1.175	-1.175	0.71	0.70	34.198	27.510	29.899	32.261	36.905	56.4	0.006	1442.7	9
127	2	20	-1.174	-1.174	0.72	0.70	34.196	27.508	29.897	32.259	36.903	56.5	0.011	1442.9	19
127	2	30	-1.183	-1.184	0.72	0.69	34.200	27.512	29.901	32.263	36.907	56.2	0.017	1443.0	29
127	2	40	-1.223	-1.224	0.68	0.65	34.214	27.524	29.914	32.277	36.922	54.9	0.023	1443.0	39
127	2	50	-1.255	-1.256	0.66	0.62	34.246	27.551	29.942	32.305	36.951	52.3	0.028	1443.1	49
127	2	60	-1.322	-1.323	0.60	0.56	34.266	27.570	29.961	32.325	36.973	50.5	0.033	1443.0	59
127	2	70	-1.394	-1.396	0.54	0.49	34.284	27.587	29.979	32.344	36.994	48.8	0.038	1442.8	69
127	2	80	-1.390	-1.392	0.55	0.49	34.306	27.605	29.997	32.362	37.011	47.1	0.043	1443.0	79
127	2	90	-1.626	-1.628	0.32	0.26	34.306	27.612	30.008	32.376	37.033	46.3	0.047	1442.0	89
127	2	100	-1.707	-1.709	0.25	0.18	34.308	27.616	30.013	32.383	37.042	45.8	0.052	1441.8	98
127	2	125	-1.425	-1.428	0.55	0.46	34.364	27.653	30.045	32.410	37.061	42.3	0.063	1443.7	123
127	2	150	-1.483	-1.487	0.52	0.41	34.431	27.709	30.102	32.468	37.119	36.8	0.073	1443.9	148
127	2	175	-1.284	-1.288	0.74	0.61	34.481	27.743	30.133	32.495	37.140	33.6	0.082	1445.3	173
127	2	200	-1.678	-1.682	0.37	0.22	34.491	27.764	30.160	32.528	37.185	31.3	0.090	1443.8	197
127	2	225	-1.625	-1.630	0.44	0.27	34.513	27.780	30.175	32.543	37.198	29.7	0.098	1444.5	222
127	2	250	-1.737	-1.743	0.35	0.16	34.528	27.796	30.192	32.562	37.220	28.0	0.105	1444.4	247
127	2	275	-1.775	-1.781	0.33	0.12	34.535	27.803	30.199	32.570	37.229	27.2	0.112	1444.6	271
127	2	300	-1.841	-1.848	0.28	0.06	34.546	27.813	30.211	32.582	37.244	26.0	0.118	1444.8	296
127	2	325	-1.861	-1.868	0.28	0.04	34.563	27.828	30.226	32.597	37.259	24.5	0.125	1445.1	321
127	2	350	-1.881	-1.889	0.28	0.02	34.587	27.848	30.246	32.618	37.280	22.4	0.130	1445.4	345
127	2	375	-1.942	-1.950	0.24	-0.04	34.615	27.872	30.271	32.644	37.308	19.9	0.136	1445.6	370
127	2	400	-2.006	-2.015	0.20	-0.10	34.647	27.900	30.300	32.673	37.339	17.1	0.140	1445.7	395
127	2	425	-2.084	-2.093	0.14	-0.18	34.668	27.919	30.320	32.694	37.363	15.1	0.144	1445.8	420
127	2	450	-2.016	-2.026	0.23	-0.11	34.693	27.937	30.338	32.711	37.377	13.2	0.148	1446.6	444
127	2	475	-1.991	-2.002	0.27	-0.09	34.714	27.954	30.354	32.726	37.391	11.6	0.151	1447.1	469
127	2	500	-1.967	-1.979	0.32	-0.06	34.729	27.966	30.365	32.737	37.401	10.4	0.154	1447.7	494
127	2	550	-1.944	-1.957	0.38	-0.04	34.755	27.986	30.385	32.757	37.420	8.2	0.158	1448.6	543
127	2	600	-1.928	-1.943	0.43	-0.02	34.771	27.999	30.397	32.769	37.431	6.8	0.162	1449.5	592
127	2	650	-1.909	-1.925	0.49	0.00	34.788	28.012	30.410	32.782	37.443	5.3	0.165	1450.5	642
127	2	691	-1.888	-1.906	0.54	0.02	34.802	28.023	30.421	32.792	37.453	4.1	0.167	1451.3	682

Potential Temperature ($^{\circ}\text{C}$)

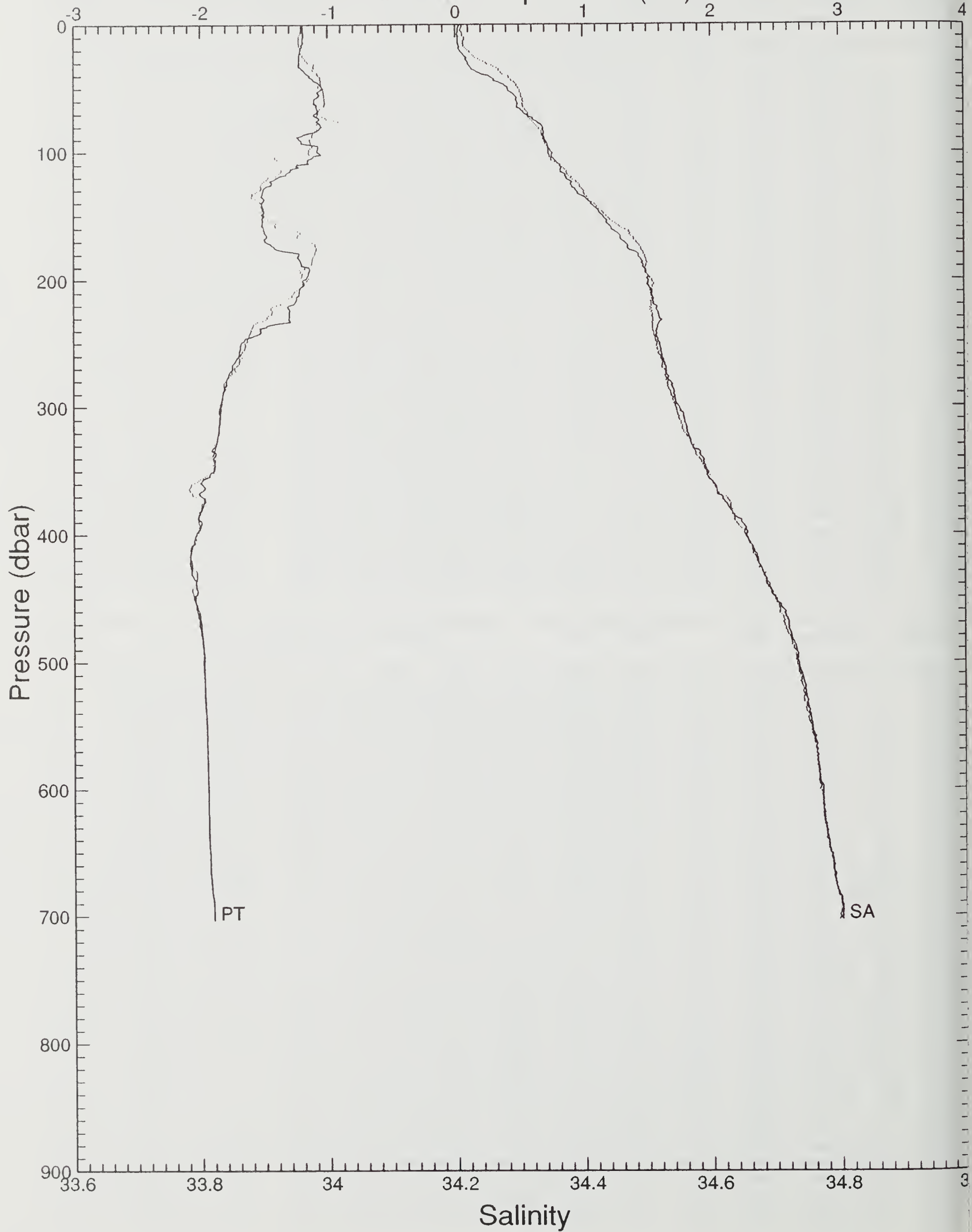
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.967	-179.765	694		994	360	7	-2.	6430	0019	13	FEB	1984	PS	84	1	128

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
128	1	0	-1.149	-1.149	0.73	0.73	34.198	27.509	29.897	32.259	36.902	56.6	0.000	1442.7	0
128	1	10	-1.181	-1.181	0.70	0.69	34.198	27.510	29.899	32.261	36.905	56.4	0.006	1442.7	9
128	1	20	-1.183	-1.183	0.71	0.69	34.200	27.512	29.901	32.263	36.907	56.2	0.011	1442.9	19
128	1	30	-1.190	-1.191	0.71	0.69	34.204	27.515	29.904	32.267	36.911	55.8	0.017	1443.0	29
128	1	40	-1.258	-1.259	0.65	0.62	34.235	27.543	29.933	32.296	36.942	53.2	0.022	1442.9	39
128	1	50	-1.261	-1.262	0.66	0.62	34.260	27.563	29.953	32.316	36.962	51.2	0.028	1443.1	49
128	1	60	-1.303	-1.304	0.62	0.58	34.275	27.577	29.967	32.331	36.978	49.9	0.033	1443.1	59
128	1	70	-1.529	-1.531	0.41	0.35	34.295	27.600	29.994	32.361	37.015	47.5	0.038	1442.2	69
128	1	80	-1.108	-1.110	0.84	0.78	34.329	27.614	30.001	32.362	37.002	46.3	0.042	1444.4	79
128	1	90	-1.597	-1.599	0.35	0.29	34.316	27.619	30.014	32.382	37.038	45.6	0.047	1442.2	89
128	1	100	-1.639	-1.641	0.32	0.24	34.329	27.631	30.027	32.395	37.053	44.4	0.051	1442.2	98
128	1	125	-1.468	-1.471	0.51	0.42	34.381	27.668	30.061	32.427	37.078	40.8	0.062	1443.5	123
128	1	150	-1.532	-1.535	0.47	0.36	34.422	27.703	30.097	32.464	37.117	37.4	0.072	1443.6	148
128	1	175	-1.289	-1.293	0.74	0.60	34.479	27.742	30.131	32.494	37.139	33.7	0.081	1445.3	173
128	1	200	-1.513	-1.518	0.53	0.38	34.495	27.762	30.155	32.521	37.173	31.6	0.089	1444.6	197
128	1	225	-1.579	-1.584	0.49	0.31	34.511	27.777	30.171	32.538	37.192	30.0	0.096	1444.7	222
128	1	250	-1.657	-1.663	0.43	0.24	34.523	27.789	30.185	32.553	37.209	28.7	0.104	1444.8	247
128	1	275	-1.722	-1.728	0.38	0.17	34.538	27.803	30.200	32.569	37.227	27.2	0.111	1444.9	271
128	1	300	-1.836	-1.843	0.29	0.06	34.554	27.820	30.218	32.588	37.250	25.4	0.117	1444.8	296
128	1	325	-1.857	-1.864	0.29	0.04	34.573	27.836	30.234	32.605	37.267	23.7	0.123	1445.1	321
128	1	350	-1.882	-1.890	0.28	0.02	34.592	27.852	30.250	32.622	37.284	22.0	0.129	1445.4	345
128	1	375	-1.919	-1.927	0.26	-0.02	34.623	27.878	30.277	32.649	37.312	19.4	0.134	1445.7	370
128	1	400	-1.990	-1.999	0.21	-0.09	34.653	27.904	30.304	32.677	37.342	16.7	0.139	1445.8	395
128	1	425	-2.035	-2.044	0.19	-0.13	34.678	27.926	30.326	32.700	37.366	14.5	0.143	1446.0	420
128	1	450	-2.014	-2.024	0.23	-0.11	34.698	27.941	30.342	32.715	37.380	12.9	0.146	1446.6	444
128	1	475	-1.986	-1.997	0.28	-0.08	34.716	27.955	30.355	32.728	37.392	11.5	0.149	1447.1	469
128	1	500	-1.969	-1.981	0.31	-0.06	34.732	27.968	30.367	32.740	37.404	10.2	0.152	1447.7	494
128	1	550	-1.944	-1.957	0.38	-0.04	34.760	27.990	30.389	32.761	37.424	7.8	0.156	1448.6	543
128	1	600	-1.931	-1.946	0.43	-0.02	34.775	28.002	30.401	32.772	37.435	6.5	0.160	1449.5	592
128	1	650	-1.917	-1.933	0.48	-0.01	34.788	28.012	30.411	32.782	37.444	5.3	0.163	1450.4	642
128	1	694	-1.885	-1.903	0.55	0.03	34.805	28.025	30.423	32.794	37.455	3.9	0.165	1451.3	685

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.980	-179.740	694		994	360	7	-2.	5330	0047	13	FEB	1984	PS	84	2	128

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
128	2	0	-1.183	-1.183	0.69	0.69	34.207	27.517	29.906	32.269	36.913	55.8	0.000	1442.6	0
128	2	10	-1.188	-1.188	0.70	0.69	34.204	27.515	29.904	32.266	36.911	55.9	0.006	1442.7	9
128	2	20	-1.199	-1.199	0.69	0.68	34.203	27.515	29.904	32.266	36.911	55.9	0.011	1442.8	19
128	2	30	-1.226	-1.227	0.67	0.65	34.214	27.525	29.914	32.277	36.922	54.9	0.017	1442.9	29
128	2	40	-1.234	-1.235	0.68	0.64	34.235	27.542	29.932	32.294	36.940	53.3	0.022	1443.0	39
128	2	50	-1.198	-1.199	0.72	0.68	34.261	27.562	29.951	32.313	36.957	51.3	0.027	1443.4	49
128	2	60	-1.101	-1.103	0.82	0.78	34.285	27.578	29.965	32.326	36.967	49.8	0.032	1444.0	59
128	2	70	-1.076	-1.078	0.86	0.81	34.310	27.597	29.984	32.344	36.984	47.9	0.037	1444.3	69
128	2	80	-1.056	-1.058	0.89	0.83	34.330	27.613	29.999	32.359	36.998	46.4	0.042	1444.6	79
128	2	90	-1.211	-1.213	0.74	0.67	34.333	27.621	30.010	32.372	37.016	45.6	0.047	1444.1	89
128	2	100	-1.083	-1.086	0.88	0.80	34.351	27.631	30.017	32.377	37.018	44.6	0.051	1444.8	98
128	2	125	-1.474	-1.477	0.51	0.41	34.380	27.668	30.060	32.426	37.078	40.9	0.062	1443.4	123
128	2	150	-1.475	-1.479	0.53	0.41	34.424	27.703	30.096	32.462	37.113	37.4	0.072	1443.9	148
128	2	175	-1.423	-1.427	0.60	0.47	34.463	27.733	30.125	32.490	37.139	34.5	0.081	1444.6	173
128	2	200	-1.243	-1.248	0.80	0.65	34.503	27.760	30.149	32.510	37.154	32.0	0.089	1445.9	197
128	2	225	-1.285	-1.291	0.78	0.61	34.514	27.770	30.160	32.522	37.167	30.9	0.097	1446.1	222
128	2	250	-1.500	-1.506	0.58	0.40	34.520	27.782	30.175	32.541	37.192	29.5	0.104	1445.5	247
128	2	275	-1.775	-1.781	0.33	0.12	34.529	27.798	30.195	32.565	37.224	27.7	0.111	1444.6	271
128	2	300	-1.827	-1.834	0.29	0.07	34.545	27.812	30.210	32.581	37.242	26.1	0.118	1444.8	296
128	2	325	-1.843	-1.850	0.30	0.06	34.568	27.831	30.229	32.600	37.262	24.2	0.124	1445.2	321
128	2	350	-1.874	-1.882	0.29	0.03	34.590	27.850	30.248	32.620	37.282	22.2	0.130	1445.5	345
128	2	375	-1.928	-1.936	0.25	-0.03	34.613	27.870	30.269	32.641	37.305	20.1	0.136	1445.7	370
128	2	400	-2.005	-2.014	0.20	-0.10	34.637	27.892	30.292	32.665	37.331	17.9	0.140	1445.7	395
128	2	425	-2.025	-2.034	0.20	-0.12	34.670	27.919	30.319	32.693	37.359	15.1	0.144	1446.1	420
128	2	450	-2.021	-2.031	0.22	-0.12	34.687	27.933	30.333	32.706	37.372	13.7	0.148	1446.5	444
128	2	475	-1.992	-2.003	0.27	-0.09	34.709	27.950	30.350	32.722	37.387	12.0	0.151	1447.1	469
128	2	500	-1.968	-1.980	0.31	-0.06	34.729	27.966	30.365	32.737	37.401	10.4	0.154	1447.7	494
128	2	550	-1.944	-1.957	0.38	-0.04	34.754	27.985	30.384	32.756	37.419	8.3	0.159	1448.6	543
128	2	600	-1.929	-1.944	0.43	-0.02	34.773	28.001	30.399	32.771	37.433	6.6	0.162	1449.5	592
128	2	650	-1.911	-1.927	0.49	0.00	34.786	28.011	30.409	32.780	37.442	5.4	0.165	1450.5	642
128	2	694	-1.885	-1.903	0.55	0.03	34.803	28.024	30.422	32.792	37.453	4.0	0.168	1451.3	685

Potential Temperature (°C)

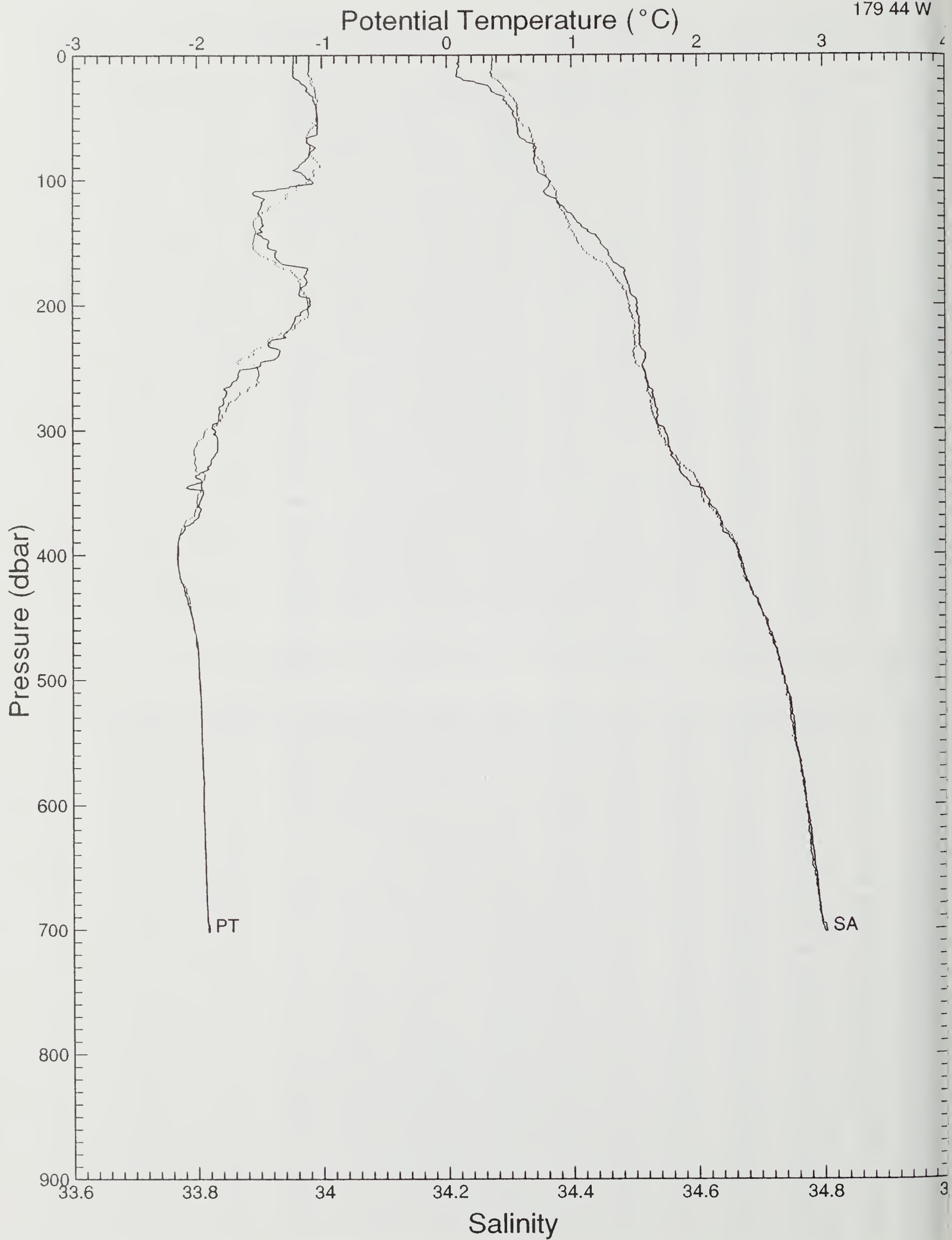


LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.980	-179.740	704	6	994	360	7	-2.	5330	0049	13	FEB	1984	PS	84	1	129

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
129	1	0	-1.192	-1.192	0.69	0.69	34.206	27.517	29.906	32.268	36.913	55.8	0.000	1442.5	0
129	1	10	-1.190	-1.190	0.69	0.69	34.204	27.515	29.904	32.267	36.911	55.9	0.006	1442.7	9
129	1	20	-1.211	-1.211	0.68	0.67	34.207	27.518	29.908	32.270	36.915	55.6	0.011	1442.8	19
129	1	30	-1.222	-1.223	0.68	0.66	34.220	27.529	29.919	32.282	36.927	54.5	0.017	1442.9	29
129	1	40	-1.139	-1.140	0.77	0.74	34.252	27.552	29.940	32.302	36.944	52.3	0.022	1443.5	39
129	1	50	-1.040	-1.041	0.88	0.84	34.282	27.573	29.960	32.319	36.958	50.3	0.027	1444.1	49
129	1	60	-1.103	-1.105	0.82	0.78	34.296	27.587	29.974	32.335	36.976	48.9	0.032	1444.0	59
129	1	70	-1.104	-1.106	0.83	0.78	34.309	27.597	29.985	32.345	36.986	47.9	0.037	1444.2	69
129	1	80	-1.047	-1.049	0.90	0.84	34.337	27.618	30.004	32.364	37.003	45.9	0.042	1444.7	79
129	1	90	-1.223	-1.225	0.73	0.66	34.340	27.627	30.016	32.378	37.022	45.0	0.046	1444.0	89
129	1	100	-1.077	-1.080	0.88	0.81	34.351	27.630	30.017	32.377	37.017	44.7	0.051	1444.9	98
129	1	125	-1.435	-1.438	0.55	0.45	34.381	27.667	30.059	32.425	37.075	41.0	0.061	1443.6	123
129	1	150	-1.492	-1.495	0.51	0.40	34.431	27.710	30.102	32.468	37.120	36.8	0.071	1443.8	148
129	1	175	-1.412	-1.416	0.61	0.48	34.470	27.739	30.130	32.495	37.144	34.0	0.080	1444.7	173
129	1	200	-1.188	-1.193	0.86	0.71	34.502	27.757	30.145	32.506	37.148	32.3	0.088	1446.2	197
129	1	225	-1.294	-1.300	0.77	0.60	34.517	27.773	30.162	32.525	37.170	30.6	0.096	1446.1	222
129	1	250	-1.675	-1.681	0.41	0.22	34.520	27.787	30.183	32.551	37.208	28.8	0.103	1444.7	247
129	1	275	-1.772	-1.778	0.33	0.12	34.530	27.798	30.195	32.565	37.225	27.6	0.111	1444.7	271
129	1	300	-1.838	-1.845	0.28	0.06	34.549	27.816	30.214	32.585	37.246	25.8	0.117	1444.8	296
129	1	325	-1.862	-1.869	0.28	0.04	34.567	27.831	30.229	32.600	37.263	24.2	0.123	1445.1	321
129	1	350	-1.889	-1.897	0.27	0.01	34.594	27.854	30.252	32.624	37.286	21.9	0.129	1445.4	345
129	1	375	-1.966	-1.974	0.22	-0.07	34.621	27.878	30.277	32.650	37.315	19.4	0.134	1445.5	370
129	1	400	-2.023	-2.032	0.18	-0.12	34.656	27.907	30.308	32.681	37.348	16.4	0.139	1445.7	395
129	1	425	-2.064	-2.073	0.16	-0.16	34.676	27.925	30.326	32.700	37.367	14.5	0.143	1445.9	420
129	1	450	-2.034	-2.044	0.21	-0.13	34.699	27.943	30.343	32.717	37.383	12.7	0.146	1446.5	444
129	1	475	-1.982	-1.993	0.28	-0.08	34.721	27.959	30.359	32.732	37.396	11.1	0.149	1447.2	469
129	1	500	-1.963	-1.975	0.32	-0.06	34.735	27.970	30.370	32.742	37.406	10.0	0.152	1447.7	494
129	1	550	-1.943	-1.956	0.38	-0.04	34.756	27.987	30.386	32.758	37.421	8.1	0.156	1448.6	543
129	1	600	-1.930	-1.945	0.43	-0.02	34.772	28.000	30.398	32.770	37.432	6.7	0.160	1449.5	592
129	1	650	-1.918	-1.934	0.48	-0.01	34.783	28.008	30.407	32.778	37.440	5.6	0.163	1450.4	642
129	1	700	-1.886	-1.904	0.55	0.03	34.802	28.023	30.421	32.792	37.453	4.1	0.165	1451.4	691
129	1	703	-1.885	-1.903	0.55	0.03	34.803	28.024	30.422	32.792	37.453	4.0	0.166	1451.5	694

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.992	-179.725	704	6	994	360	7	-2.	4260	0121	13	FEB	1984	PS	84	2	129

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
129	2	0	-1.207	-1.207	0.67	0.67	34.211	27.521	29.911	32.273	36.918	55.4	0.000	1442.5	0
129	2	10	-1.225	-1.225	0.66	0.65	34.214	27.524	29.914	32.277	36.922	55.0	0.006	1442.5	9
129	2	20	-1.210	-1.210	0.68	0.67	34.219	27.528	29.917	32.280	36.925	54.7	0.011	1442.8	19
129	2	30	-1.153	-1.154	0.75	0.73	34.248	27.550	29.938	32.299	36.942	52.6	0.016	1443.2	29
129	2	40	-1.071	-1.072	0.84	0.81	34.283	27.575	29.962	32.322	36.962	50.1	0.022	1443.8	39
129	2	50	-1.032	-1.033	0.89	0.85	34.299	27.586	29.973	32.332	36.971	49.0	0.027	1444.2	49
129	2	60	-1.021	-1.023	0.91	0.86	34.306	27.592	29.978	32.337	36.976	48.5	0.031	1444.4	59
129	2	70	-1.074	-1.076	0.86	0.81	34.314	27.600	29.987	32.347	36.987	47.6	0.036	1444.4	69
129	2	80	-1.040	-1.042	0.90	0.84	34.329	27.611	29.997	32.357	36.996	46.6	0.041	1444.7	79
129	2	90	-1.138	-1.140	0.81	0.75	34.338	27.622	30.010	32.371	37.013	45.5	0.046	1444.4	89
129	2	100	-1.144	-1.147	0.82	0.74	34.346	27.629	30.017	32.378	37.020	44.8	0.050	1444.6	98
129	2	125	-1.515	-1.518	0.47	0.37	34.393	27.679	30.073	32.439	37.092	39.8	0.061	1443.3	123
129	2	150	-1.507	-1.510	0.50	0.38	34.436	27.714	30.107	32.473	37.126	36.4	0.070	1443.8	148
129	2	175	-1.084	-1.089	0.94	0.81	34.491	27.744	30.131	32.490	37.129	33.6	0.079	1446.3	173
129	2	200	-1.154	-1.159	0.89	0.74	34.508	27.761	30.148	32.508	37.149	31.9	0.087	1446.4	197
129	2	225	-1.428	-1.434	0.64	0.47	34.508	27.770	30.162	32.526	37.176	30.8	0.095	1445.5	222
129	2	250	-1.641	-1.647	0.44	0.25	34.516	27.783	30.178	32.546	37.202	29.3	0.102	1444.9	247
129	2	275	-1.756	-1.762	0.35	0.14	34.531	27.799	30.195	32.565	37.224	27.6	0.109	1444.7	271
129	2	300	-1.830	-1.837	0.29	0.07	34.544	27.811	30.209	32.580	37.241	26.2	0.116	1444.8	296
129	2	325	-1.861	-1.868	0.28	0.04	34.566	27.830	30.228	32.600	37.262	24.3	0.122	1445.1	321
129	2	350	-1.894	-1.902	0.27	0.01	34.592	27.852	30.251	32.622	37.285	22.0	0.128	1445.4	345
129	2	375	-1.979	-1.987	0.20	-0.08	34.629	27.884	30.284	32.657	37.322	18.7	0.133	1445.4	370
129	2	400	-2.029	-2.038	0.18	-0.13	34.652	27.904	30.305	32.678	37.345	16.6	0.138	1445.6	395
129	2	425	-2.056	-2.065	0.17	-0.15	34.675	27.924	30.325	32.699	37.366	14.6	0.142	1445.9	420
129	2	450	-2.045	-2.055	0.20	-0.14	34.699	27.943	30.344	32.717	37.384	12.7	0.145	1446.4	444
129	2	475	-1.989	-2.000	0.27	-0.08	34.716	27.956	30.355	32.728	37.393	11.4	0.148	1447.1	469
129	2	500	-1.969	-1.981	0.31	-0.06	34.734	27.970	30.369	32.741	37.405	10.0	0.151	1447.7	494
129	2	550	-1.946	-1.959	0.38	-0.04	34.754	27.985	30.384	32.756	37.419	8.3	0.155	1448.6	543
129	2	600	-1.931	-1.946	0.43	-0.02	34.768	27.996	30.395	32.767	37.429	7.0	0.159	1449.5	592
129	2	650	-1.916	-1.932	0.48	-0.01	34.784	28.009	30.407	32.779	37.441	5.6	0.162	1450.4	642



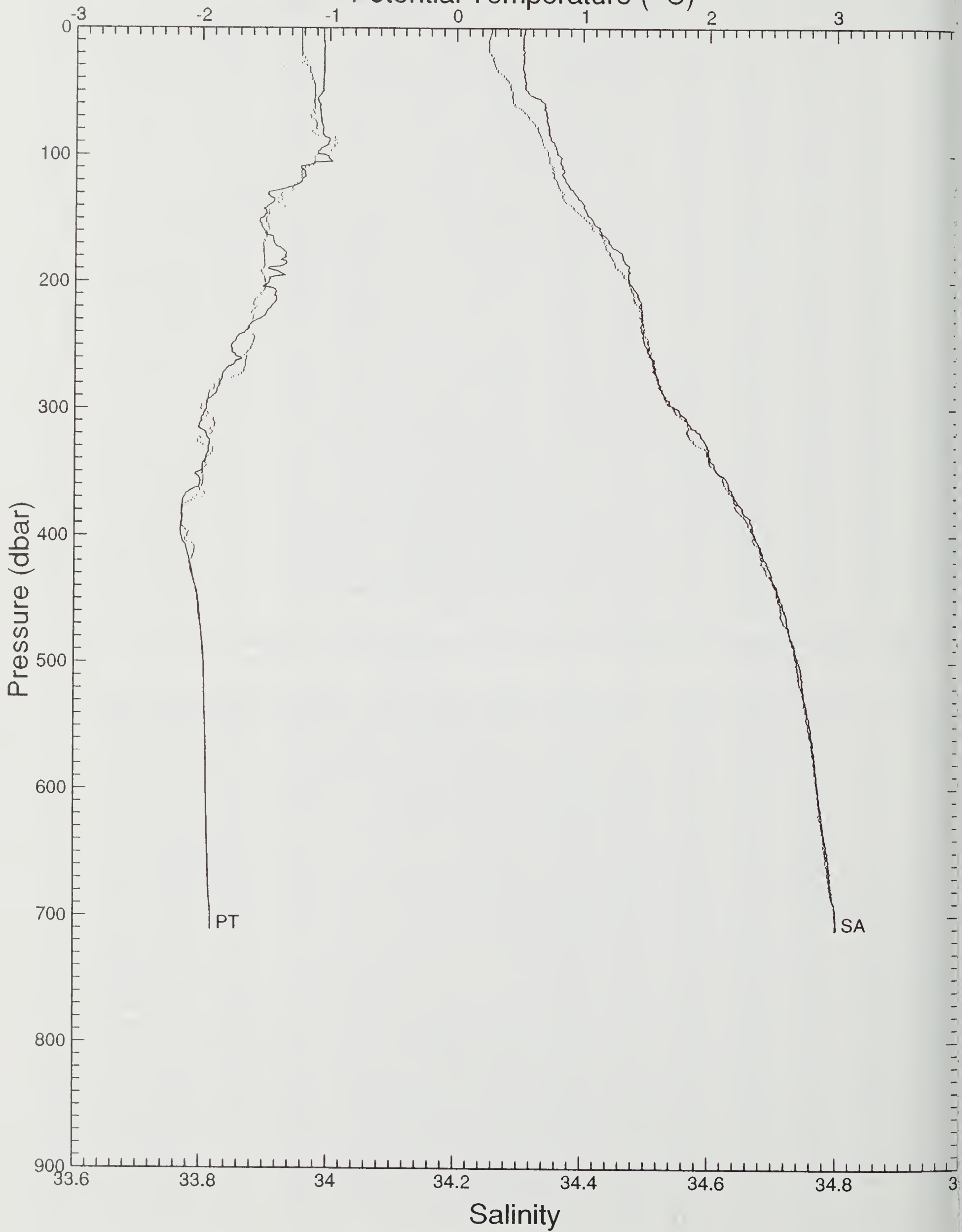
LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.992	-179.725	702		994	360	7	-2.	4260	0123	13	FEB	1984	PS	84	1	130

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
130	1	0	-1.226	-1.226	0.65	0.65	34.220	27.529	29.919	32.282	36.927	54.6	0.000	1442.4	0
130	1	10	-1.229	-1.229	0.66	0.65	34.219	27.529	29.918	32.281	36.927	54.6	0.005	1442.5	9
130	1	20	-1.178	-1.178	0.72	0.70	34.228	27.534	29.923	32.285	36.929	54.1	0.011	1442.9	19
130	1	30	-1.096	-1.097	0.81	0.78	34.277	27.571	29.958	32.319	36.960	50.5	0.016	1443.6	29
130	1	40	-1.046	-1.047	0.87	0.84	34.301	27.589	29.975	32.335	36.974	48.8	0.021	1444.0	39
130	1	50	-1.033	-1.034	0.89	0.85	34.309	27.595	29.981	32.340	36.979	48.2	0.026	1444.2	49
130	1	60	-1.032	-1.034	0.90	0.85	34.314	27.599	29.985	32.344	36.983	47.8	0.031	1444.4	59
130	1	70	-1.117	-1.119	0.82	0.77	34.329	27.614	30.001	32.362	37.003	46.3	0.036	1444.2	69
130	1	80	-1.095	-1.097	0.85	0.79	34.342	27.624	30.011	32.371	37.012	45.4	0.040	1444.5	79
130	1	90	-1.185	-1.187	0.77	0.70	34.345	27.629	30.018	32.380	37.023	44.8	0.045	1444.2	89
130	1	100	-1.077	-1.080	0.88	0.81	34.365	27.642	30.028	32.388	37.028	43.6	0.049	1444.9	98
130	1	125	-1.499	-1.502	0.48	0.39	34.393	27.679	30.072	32.438	37.091	39.8	0.059	1443.3	123
130	1	150	-1.419	-1.423	0.58	0.47	34.447	27.720	30.112	32.477	37.126	35.8	0.069	1444.2	148
130	1	175	-1.120	-1.125	0.90	0.77	34.485	27.741	30.128	32.488	37.128	33.9	0.078	1446.1	173
130	1	200	-1.084	-1.089	0.96	0.81	34.504	27.755	30.141	32.500	37.139	32.5	0.086	1446.7	197
130	1	225	-1.295	-1.301	0.77	0.60	34.510	27.767	30.157	32.519	37.165	31.1	0.094	1446.1	222
130	1	250	-1.512	-1.518	0.57	0.38	34.514	27.778	30.171	32.537	37.188	29.9	0.101	1445.5	247
130	1	275	-1.783	-1.789	0.32	0.11	34.532	27.800	30.197	32.568	37.227	27.4	0.109	1444.6	271
130	1	300	-1.843	-1.850	0.28	0.05	34.548	27.815	30.213	32.584	37.246	25.8	0.115	1444.7	296
130	1	325	-1.875	-1.882	0.27	0.02	34.566	27.830	30.229	32.600	37.263	24.2	0.122	1445.0	321
130	1	350	-1.938	-1.946	0.23	-0.04	34.612	27.870	30.269	32.641	37.305	20.3	0.127	1445.2	345
130	1	375	-2.038	-2.046	0.15	-0.14	34.640	27.895	30.296	32.669	37.336	17.7	0.132	1445.2	370
130	1	400	-2.138	-2.146	0.07	-0.23	34.666	27.918	30.321	32.696	37.366	15.2	0.136	1445.1	395
130	1	425	-2.095	-2.104	0.13	-0.19	34.684	27.932	30.334	32.708	37.376	13.8	0.140	1445.8	420
130	1	450	-2.024	-2.034	0.22	-0.12	34.708	27.950	30.350	32.723	37.389	12.1	0.143	1446.5	444
130	1	475	-1.980	-1.991	0.28	-0.07	34.726	27.963	30.363	32.735	37.400	10.7	0.146	1447.2	469
130	1	500	-1.967	-1.979	0.32	-0.06	34.737	27.972	30.371	32.744	37.408	9.8	0.148	1447.7	494
130	1	550	-1.948	-1.961	0.37	-0.04	34.754	27.985	30.384	32.756	37.420	8.3	0.153	1448.6	543
130	1	600	-1.933	-1.948	0.43	-0.02	34.773	28.001	30.399	32.771	37.433	6.6	0.156	1449.5	592
130	1	650	-1.917	-1.933	0.48	-0.01	34.786	28.011	30.409	32.780	37.443	5.4	0.159	1450.4	642
130	1	700	-1.887	-1.905	0.55	0.02	34.804	28.025	30.422	32.793	37.454	3.9	0.162	1451.4	691
130	1	702	-1.887	-1.905	0.55	0.02	34.805	28.026	30.423	32.794	37.455	3.8	0.162	1451.5	693

LATITUDE	LONGITUDE	DEPTH	PING	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.002	-179.715	702		994	10	7	-2.	2350	0201	13	FEB	1984	PS	84	2	130

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
130	2	0	-1.100	-1.100	0.78	0.78	34.274	27.569	29.956	32.317	36.958	50.9	0.000	1443.0	0
130	2	10	-1.102	-1.102	0.79	0.78	34.273	27.568	29.955	32.316	36.957	50.9	0.005	1443.2	9
130	2	20	-1.092	-1.093	0.80	0.79	34.282	27.575	29.962	32.323	36.963	50.2	0.010	1443.4	19
130	2	30	-1.047	-1.048	0.86	0.83	34.299	27.587	29.974	32.333	36.973	49.0	0.015	1443.8	29
130	2	40	-1.040	-1.041	0.87	0.84	34.314	27.599	29.985	32.345	36.984	47.9	0.020	1444.0	39
130	2	50	-1.041	-1.042	0.88	0.84	34.317	27.601	29.988	32.347	36.986	47.6	0.025	1444.2	49
130	2	60	-1.092	-1.094	0.84	0.79	34.334	27.617	30.004	32.364	37.005	46.1	0.029	1444.1	59
130	2	70	-1.105	-1.107	0.83	0.78	34.339	27.622	30.009	32.369	37.010	45.6	0.034	1444.2	69
130	2	80	-1.092	-1.094	0.85	0.79	34.341	27.623	30.010	32.370	37.010	45.5	0.039	1444.5	79
130	2	90	-1.009	-1.011	0.94	0.88	34.357	27.633	30.018	32.377	37.015	44.5	0.043	1445.0	89
130	2	100	-1.088	-1.091	0.87	0.80	34.364	27.641	30.028	32.388	37.028	43.6	0.048	1444.8	98
130	2	125	-1.471	-1.474	0.51	0.42	34.386	27.672	30.065	32.431	37.082	40.5	0.058	1443.5	123
130	2	150	-1.544	-1.547	0.46	0.34	34.411	27.695	30.089	32.456	37.109	38.2	0.068	1443.6	148
130	2	175	-1.208	-1.213	0.82	0.68	34.467	27.729	30.118	32.479	37.122	35.0	0.077	1445.6	173
130	2	200	-1.101	-1.106	0.94	0.79	34.492	27.746	30.132	32.492	37.131	33.4	0.086	1446.6	197
130	2	225	-1.352	-1.358	0.71	0.54	34.502	27.763	30.153	32.517	37.164	31.5	0.094	1445.8	222
130	2	250	-1.504	-1.510	0.58	0.39	34.508	27.773	30.165	32.531	37.183	30.4	0.101	1445.5	247
130	2	275	-1.675	-1.681	0.43	0.22	34.528	27.794	30.189	32.558	37.215	28.1	0.109	1445.1	271
130	2	300	-1.927	-1.933	0.19	-0.03	34.541	27.811	30.211	32.583	37.248	26.1	0.115	1444.3	296
130	2	325	-2.007	-2.014	0.13	-0.11	34.570	27.837	30.238	32.611	37.278	23.5	0.122	1444.4	321
130	2	350	-1.960	-1.968	0.20	-0.06	34.606	27.865	30.265	32.637	37.302	20.7	0.127	1445.1	345
130	2	375	-2.089	-2.097	0.10	-0.19	34.639	27.895	30.297	32.671	37.340	17.6	0.132	1444.9	370
130	2	400	-2.147	-2.155	0.06	-0.24	34.665	27.918	30.320	32.695	37.366	15.2	0.136	1445.1	395
130	2	425	-2.082	-2.091	0.14	-0.18	34.684	27.932	30.333	32.707	37.375	13.9	0.140	1445.8	419
130	2	450	-2.023	-2.033	0.22	-0.12	34.705	27.947	30.348	32.721	37.387	12.3	0.143	1446.5	444
130	2	475	-1.978	-1.989	0.29	-0.07	34.724	27.962	30.361	32.734	37.398	10.9	0.146	1447.2	469
130	2	500	-1.964	-1.976	0.32	-0.06	34.739	27.974	30.373	32.745	37.409	9.6	0.148	1447.7	494
130	2	550	-1.948	-1.961	0.37	-0.04	34.754	27.985	30.384	32.756	37.420	8.3	0.153	1448.6	543
130	2	600	-1.932	-1.947	0.43	-0.02	34.772	28.000	30.398	32.770	37.433	6.7	0.157	1449.5	592
130	2	650	-1.919	-1.935	0.48	-0.01	34.782	28.008	30.406	32.777	37.440	5.7	0.160	1450.4	642

Potential Temperature (°C)



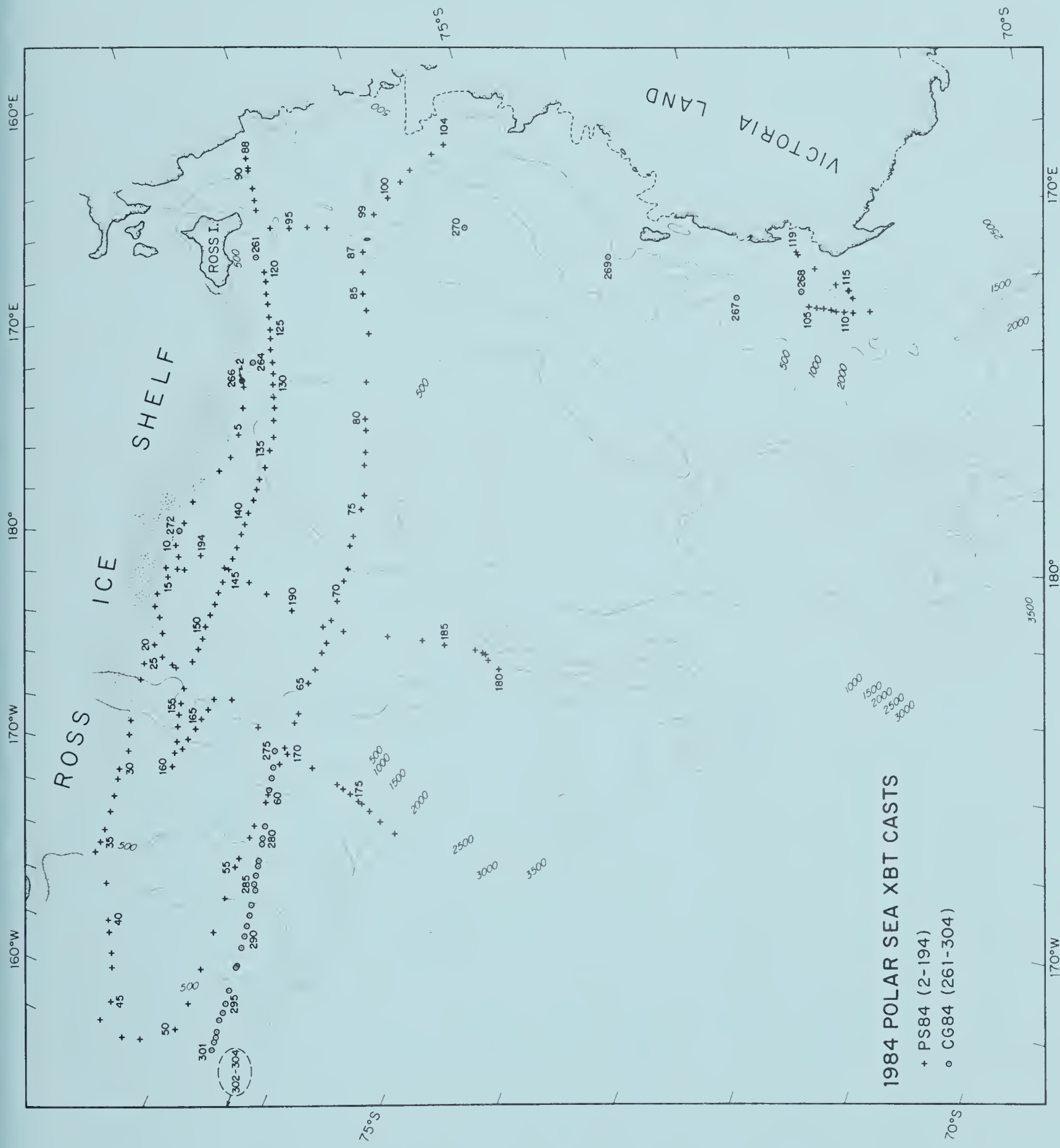
LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
 -78.002 -179.715 711 994 10 7 -2. 2350 0203 13 FEB 1984 PS 84 1 131

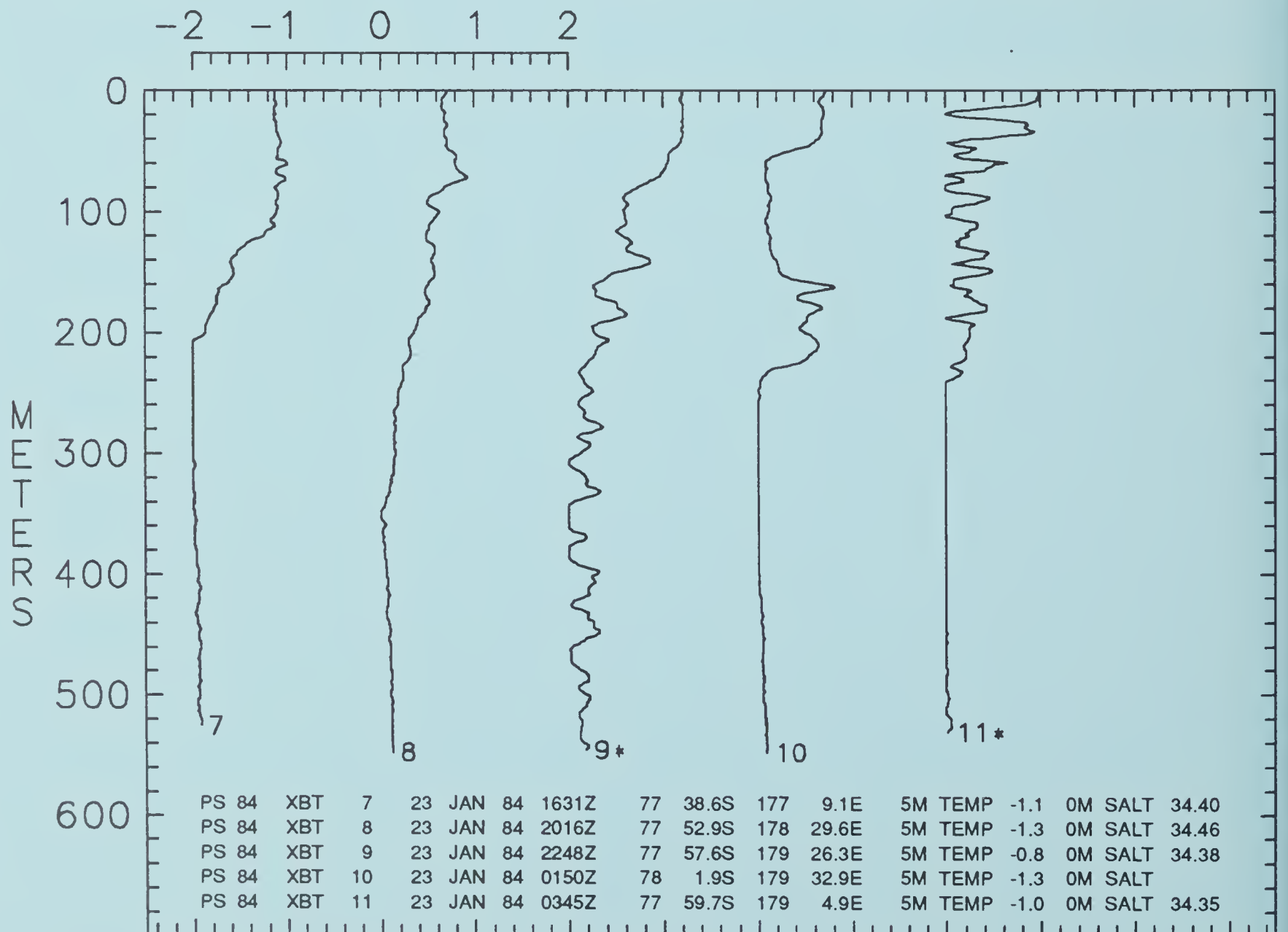
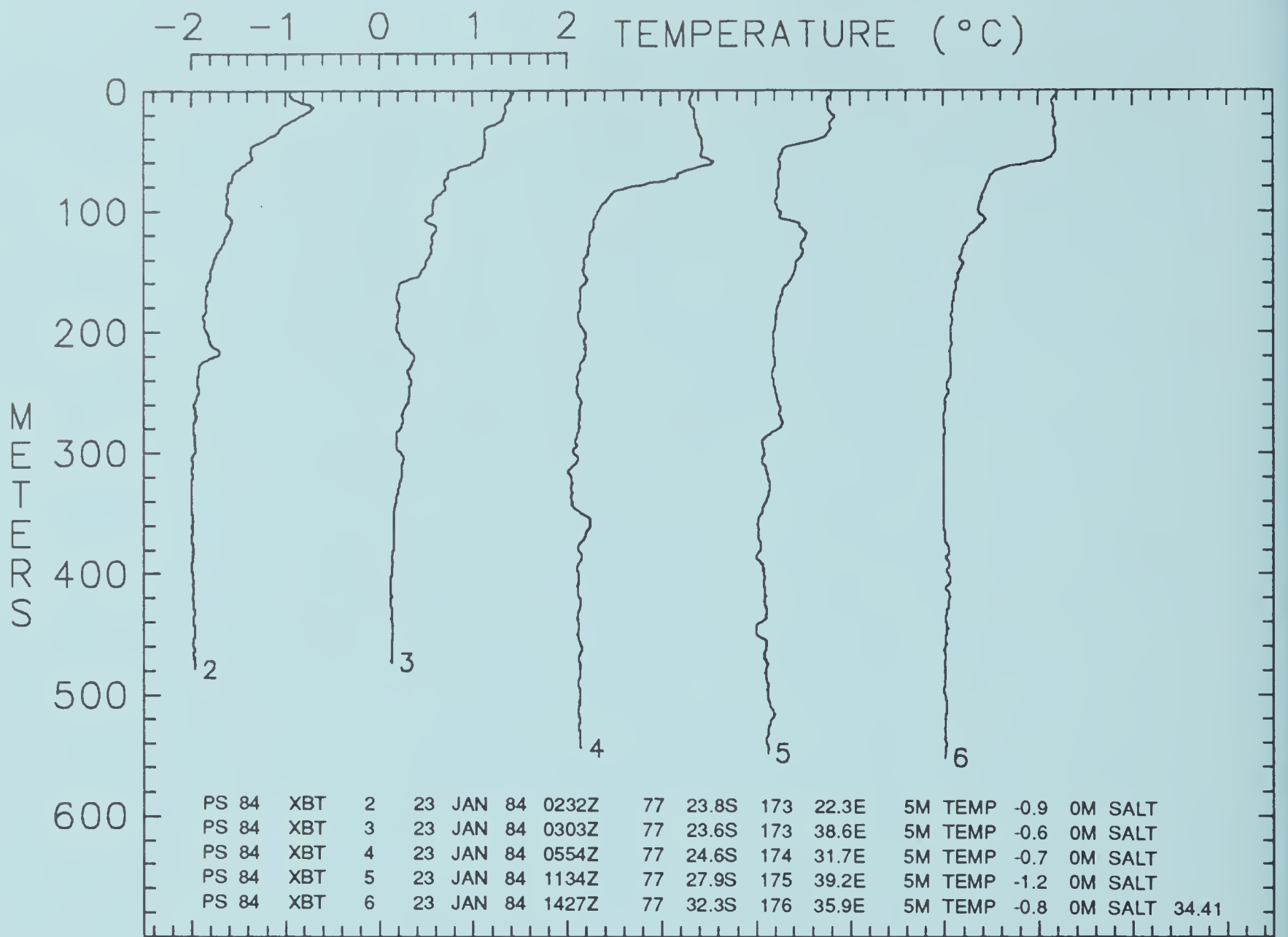
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
131	1	0	-1.049	-1.049	0.83	0.83	34.309	27.595	29.982	32.341	36.981	48.4	0.000	1443.3	0
131	1	10	-1.047	-1.047	0.84	0.83	34.305	27.592	29.978	32.338	36.977	48.7	0.005	1443.5	9
131	1	20	-1.045	-1.046	0.85	0.84	34.305	27.592	29.978	32.338	36.977	48.6	0.010	1443.7	19
131	1	30	-1.044	-1.045	0.86	0.84	34.305	27.592	29.978	32.338	36.977	48.6	0.015	1443.8	29
131	1	40	-1.048	-1.049	0.86	0.83	34.308	27.594	29.981	32.341	36.980	48.3	0.019	1444.0	39
131	1	50	-1.048	-1.049	0.87	0.83	34.313	27.598	29.985	32.345	36.984	47.9	0.024	1444.2	49
131	1	60	-1.071	-1.073	0.86	0.81	34.340	27.621	30.008	32.368	37.008	45.7	0.029	1444.2	59
131	1	70	-1.065	-1.067	0.87	0.82	34.344	27.624	30.011	32.371	37.010	45.4	0.034	1444.4	69
131	1	80	-1.048	-1.050	0.90	0.84	34.346	27.625	30.012	32.371	37.010	45.2	0.038	1444.7	79
131	1	90	-1.006	-1.008	0.95	0.88	34.355	27.631	30.017	32.375	37.013	44.7	0.043	1445.1	89
131	1	100	-1.027	-1.030	0.93	0.86	34.363	27.638	30.024	32.383	37.022	43.9	0.047	1445.1	98
131	1	125	-1.313	-1.316	0.67	0.57	34.380	27.662	30.053	32.416	37.063	41.5	0.058	1444.2	123
131	1	150	-1.537	-1.540	0.46	0.35	34.415	27.698	30.092	32.458	37.112	37.9	0.068	1443.6	148
131	1	175	-1.349	-1.353	0.67	0.54	34.457	27.726	30.117	32.480	37.128	35.2	0.077	1445.0	173
131	1	200	-1.465	-1.470	0.58	0.43	34.474	27.744	30.136	32.501	37.152	33.4	0.085	1444.8	197
131	1	225	-1.484	-1.489	0.58	0.41	34.496	27.762	30.155	32.520	37.171	31.5	0.093	1445.2	222
131	1	250	-1.755	-1.761	0.33	0.14	34.501	27.774	30.171	32.541	37.200	30.0	0.101	1444.3	247
131	1	275	-1.826	-1.832	0.28	0.07	34.520	27.792	30.190	32.560	37.222	28.2	0.108	1444.4	271
131	1	300	-1.945	-1.951	0.18	-0.05	34.553	27.822	30.221	32.594	37.259	25.1	0.115	1444.3	296
131	1	325	-1.922	-1.929	0.22	-0.02	34.593	27.854	30.253	32.625	37.289	22.0	0.121	1444.8	321
131	1	350	-2.001	-2.008	0.16	-0.10	34.614	27.873	30.273	32.646	37.312	19.9	0.126	1444.9	345
131	1	375	-2.133	-2.141	0.05	-0.23	34.648	27.904	30.306	32.681	37.351	16.8	0.131	1444.7	370
131	1	400	-2.144	-2.152	0.06	-0.24	34.673	27.924	30.326	32.702	37.372	14.6	0.135	1445.1	395
131	1	425	-2.062	-2.071	0.16	-0.16	34.694	27.939	30.340	32.714	37.381	13.2	0.138	1445.9	419
131	1	450	-2.007	-2.017	0.24	-0.10	34.712	27.953	30.353	32.726	37.391	11.8	0.141	1446.6	444
131	1	475	-1.979	-1.990	0.28	-0.07	34.726	27.963	30.363	32.735	37.400	10.7	0.144	1447.2	469
131	1	500	-1.956	-1.968	0.33	-0.05	34.743	27.977	30.376	32.748	37.411	9.4	0.147	1447.7	494
131	1	550	-1.943	-1.956	0.38	-0.03	34.760	27.990	30.389	32.761	37.424	7.8	0.151	1448.6	543
131	1	600	-1.932	-1.947	0.43	-0.02	34.772	28.000	30.398	32.770	37.433	6.7	0.154	1449.5	592
131	1	650	-1.919	-1.935	0.48	-0.01	34.788	28.012	30.411	32.782	37.444	5.2	0.157	1450.4	642
131	1	700	-1.894	-1.912	0.54	0.02	34.800	28.022	30.420	32.790	37.452	4.2	0.160	1451.4	691
131	1	711	-1.892	-1.910	0.55	0.02	34.801	28.022	30.420	32.791	37.452	4.0	0.160	1451.6	702

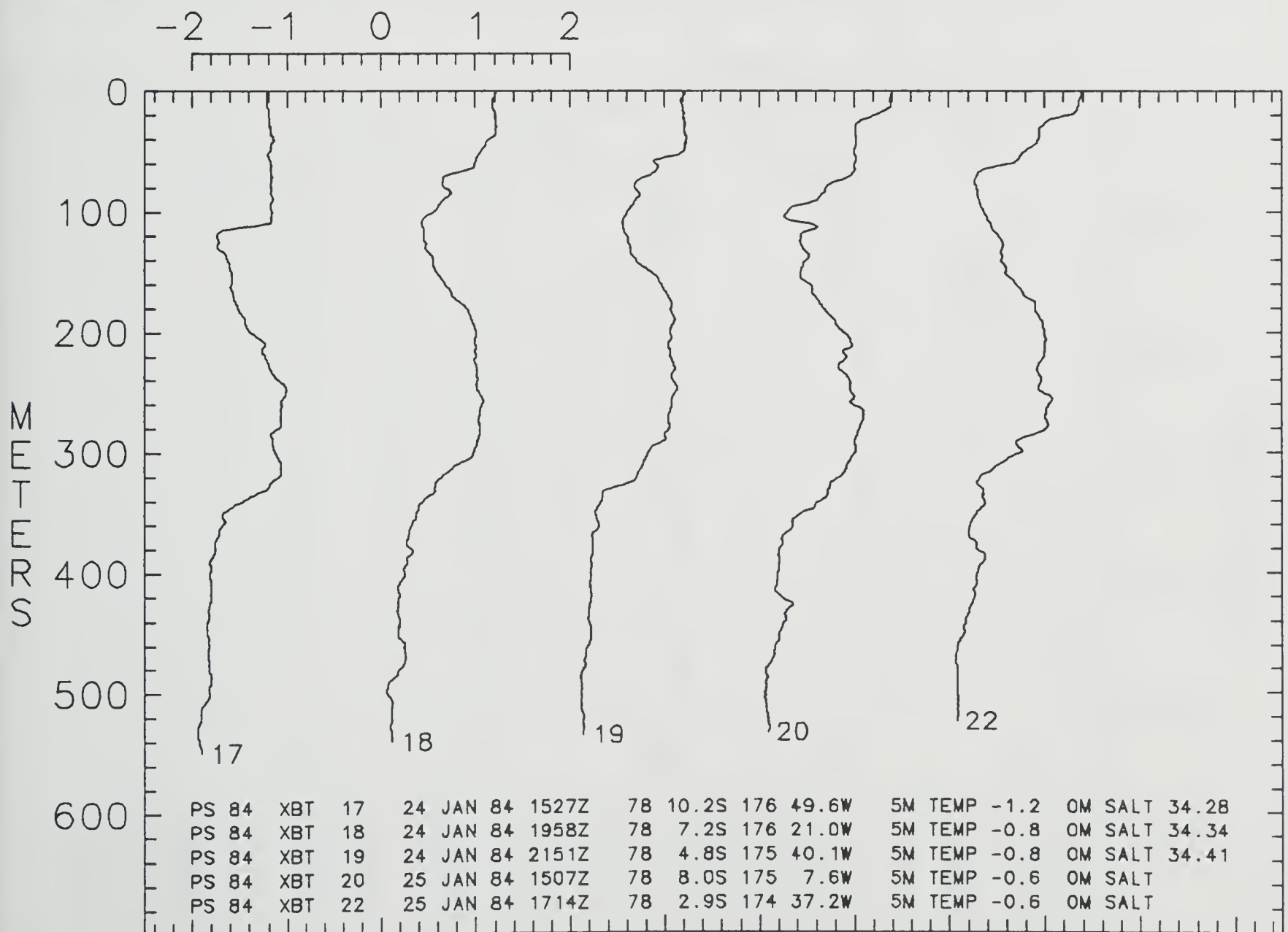
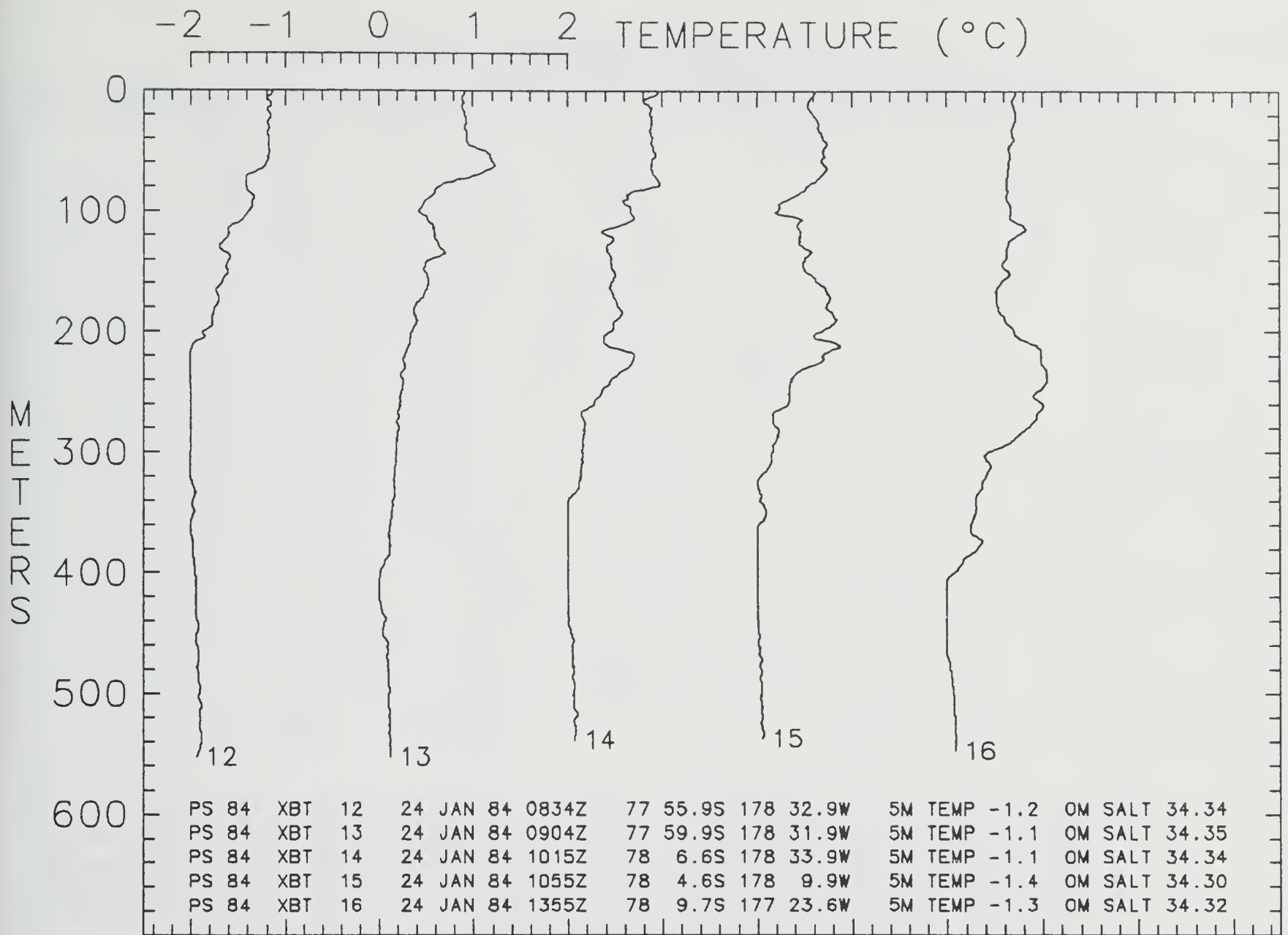
LATITUDE LONGITUDE DEPTH PING BAROM WNDIR WNDSP TAIR RANGL TIME DAY MON YEAR SHIP CRU M STATION
 -78.020 -179.695 711 994 10 7 -2. 1320 0233 13 FEB 1984 PS 84 2 131

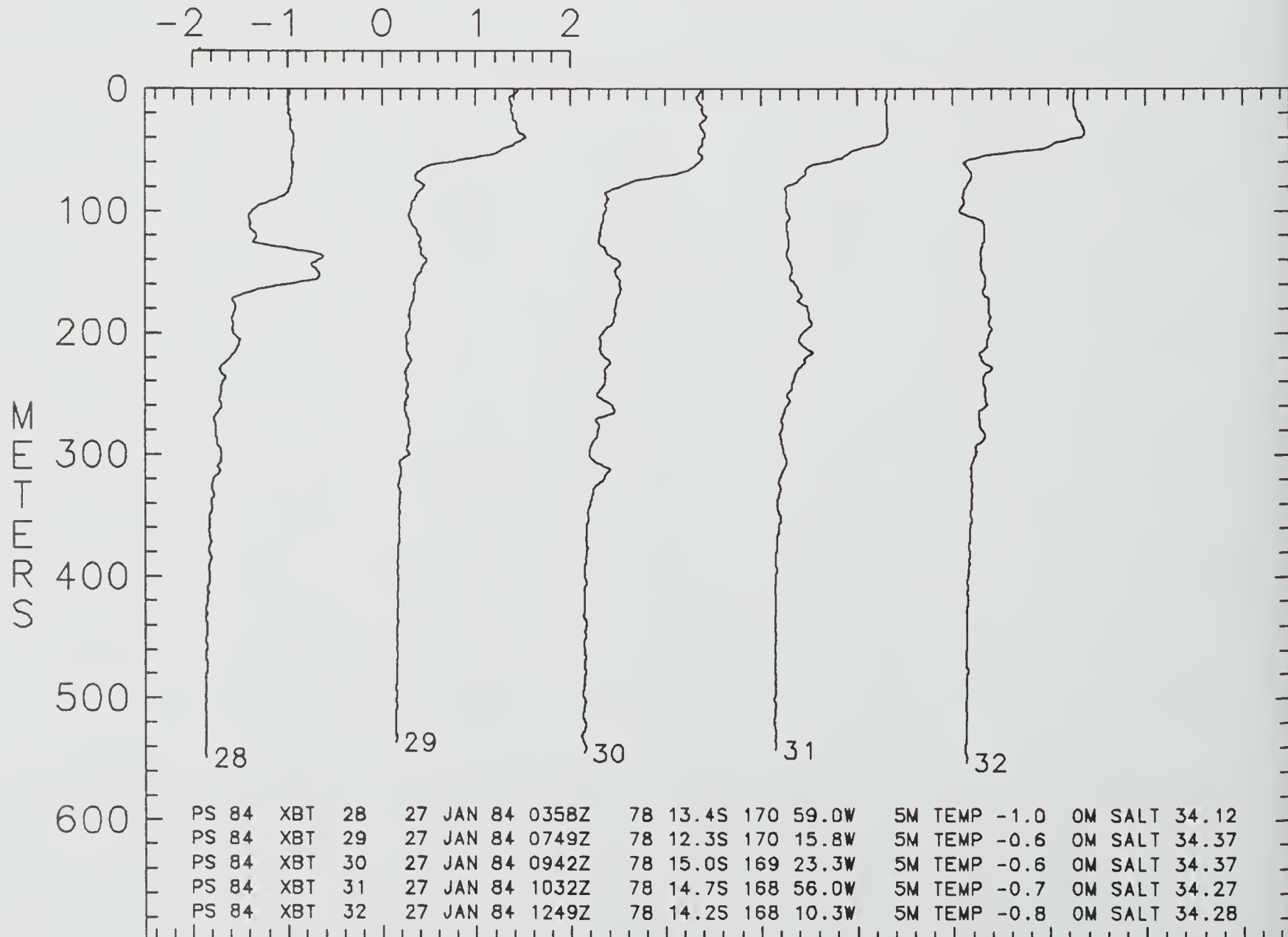
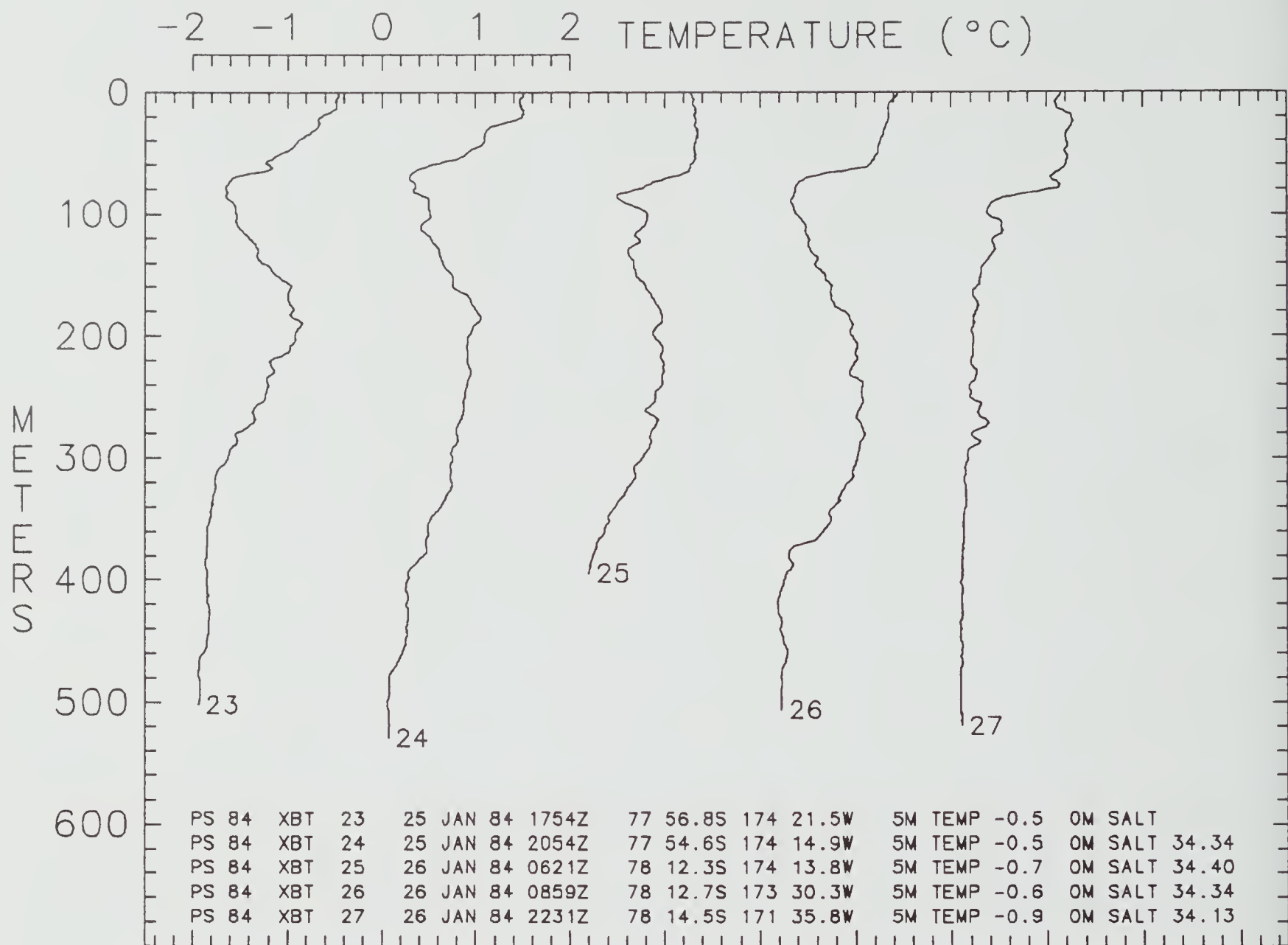
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
131	2	0	-1.223	-1.223	0.66	0.66	34.255	27.558	29.947	32.310	36.955	51.9	0.000	1442.4	0
131	2	10	-1.223	-1.223	0.66	0.66	34.250	27.554	29.943	32.306	36.951	52.3	0.005	1442.6	9
131	2	20	-1.216	-1.216	0.68	0.66	34.254	27.557	29.946	32.308	36.953	51.9	0.010	1442.8	19
131	2	30	-1.179	-1.180	0.72	0.70	34.260	27.560	29.949	32.311	36.954	51.6	0.016	1443.1	29
131	2	40	-1.135	-1.136	0.78	0.75	34.278	27.573	29.961	32.322	36.965	50.3	0.021	1443.5	39
131	2	50	-1.117	-1.118	0.80	0.76	34.288	27.581	29.968	32.329	36.971	49.5	0.026	1443.8	49
131	2	60	-1.117	-1.119	0.81	0.76	34.292	27.584	29.972	32.332	36.974	49.2	0.031	1444.0	59
131	2	70	-1.140	-1.142	0.80	0.74	34.314	27.603	29.991	32.352	36.994	47.4	0.035	1444.0	69
131	2	80	-1.101	-1.103	0.84	0.78	34.329	27.613	30.001	32.361	37.002	46.3	0.040	1444.4	79
131	2	90	-0.965	-0.967	0.99	0.92	34.337	27.615	30.000	32.358	36.995	46.2	0.045	1445.2	89
131	2	100	-1.093	-1.096	0.87	0.79	34.345	27.626	30.013	32.373	37.014	45.1	0.049	1444.8	98
131	2	125	-1.282	-1.285	0.70	0.60	34.362	27.647	30.037	32.400	37.046	43.0	0.060	1444.3	123
131	2	150	-1.488	-1.491	0.51	0.40	34.405	27.688	30.081	32.447	37.099	38.8	0.071	1443.8	148
131	2	175	-1.506	-1.510	0.52	0.38	34.440	27.717	30.110	32.477	37.129	35.9	0.080	1444.2	173
131	2	200	-1.493	-1.498	0.55	0.40	34.473	27.744	30.137	32.502	37.154	33.3	0.089	1444.7	197
131	2	225	-1.599	-1.604	0.46	0.29	34.494	27.764	30.158	32.526	37.180	31.2	0.097	1444.6	222
131	2	250	-1.593	-1.599	0.49	0.30	34.507	27.774	30.169	32.536	37.190	30.1	0.104	1445.1	247
131	2	275	-1.735	-1.741	0.37	0.16	34.519	27.788	30.185	32.554	37.213	28.6	0.112	1444.8	271
131	2	300	-1.995	-2.001	0.13	-0.10	34.546	27.817	30.218	32.591	37.257	25.5	0.118	1444.0	296
131	2	325	-2.018	-2.025	0.13	-0.12	34.576	27.842	30.243	32.617	37.283	23.0	0.124	1444.3	321
131	2	350	-1.979	-1.986	0.19	-0.08	34.615	27.873	30.273	32.646	37.311	19.9	0.130	1445.0	345
131	2	375	-2.107	-2.115	0.08	-0.21	34.644	27.900	30.302	32.676	37.345	17.1	0.134	1444.8	370
131	2	400	-2.098	-2.106	0.11	-0.19	34.669	27.920	30.321	32.696	37.365	15.1	0.138	1445.3	395
131	2	425	-2.070	-2.079	0.15	-0.17	34.688	27.935	30.336	32.710	37.377	13.6	0.142	1445.9	419
131	2	450	-2.011	-2.021	0.23	-0.11	34.709	27.950	30.350	32.723	37.389	12.0	0.145	1446.6	444
131	2	475	-1.978	-1.989	0.29	-0.07	34.726	27.963	30.363	32.735	37.400	10.7	0.148	1447.2	469
131	2	500	-1.957	-1.969	0.33	-0.05	34.739	27.973	30.373	32.745	37.408	9.7	0.151	1447.7	494
131	2	550	-1.943	-1.956	0.38	-0.04	34.757	27.988	30.387	32.758	37.421	8.1	0.155	1448.6	543
131	2	600	-1.932	-1.947	0.43	-0.02	34.773	28.001	30.399	32.771	37.433	6.6	0.159	1449.5	592
131	2	650	-1.921	-1.937	0.48	-0.01	34.784	28.009	30.408	32.779	37.441	5.5	0.162	1450.4	642

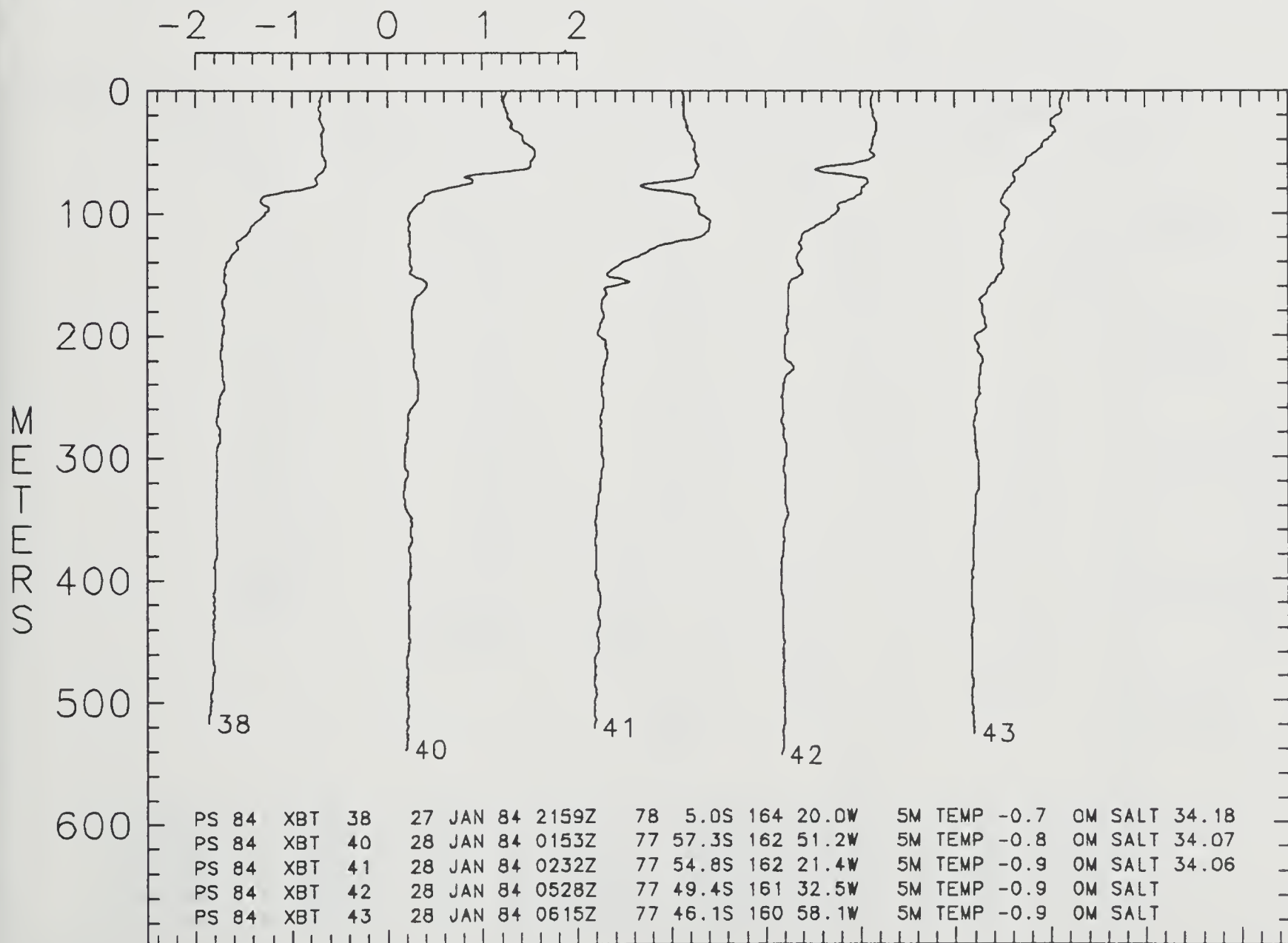
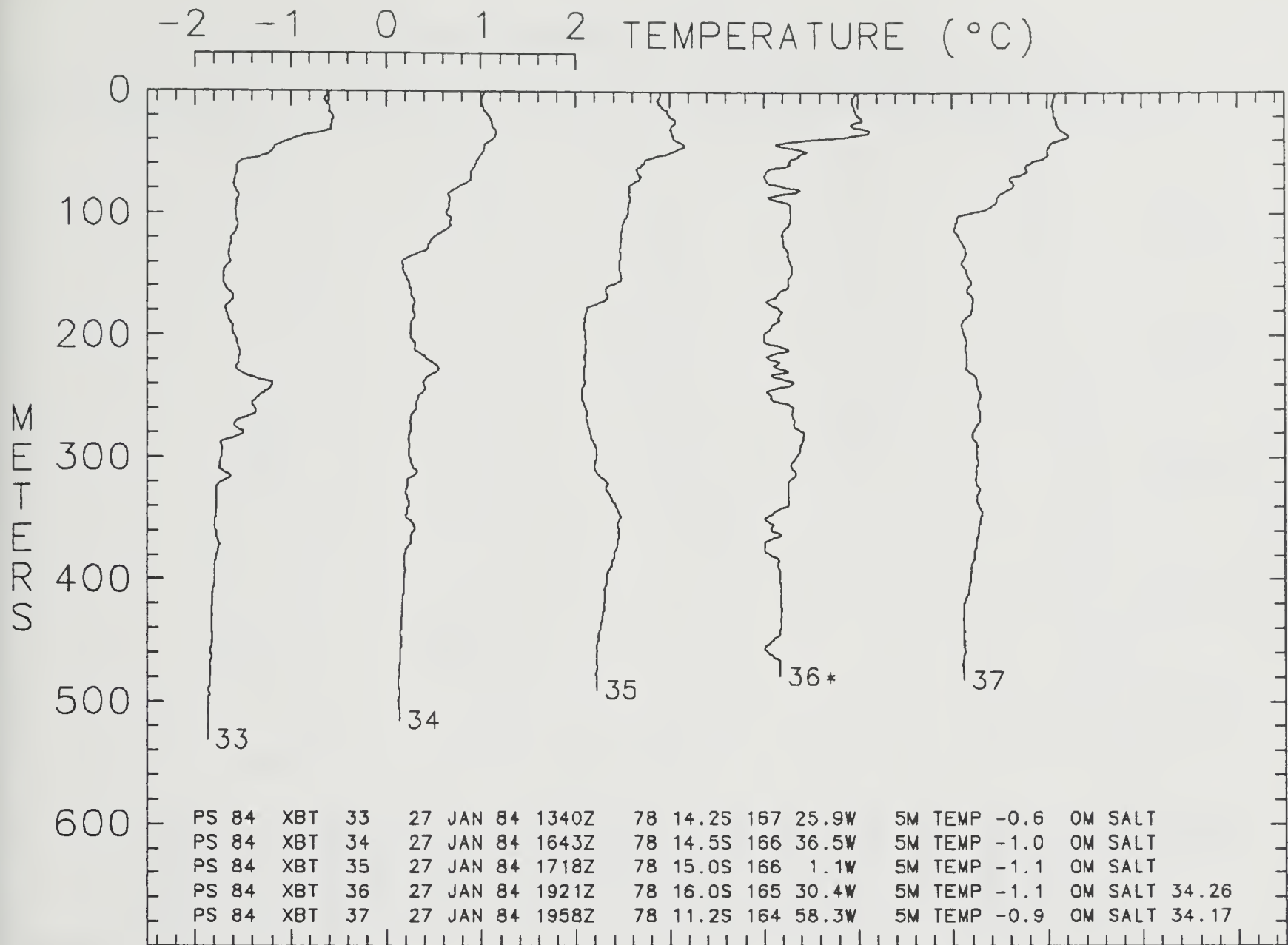
POLAR SEA 84 XBT CASTS

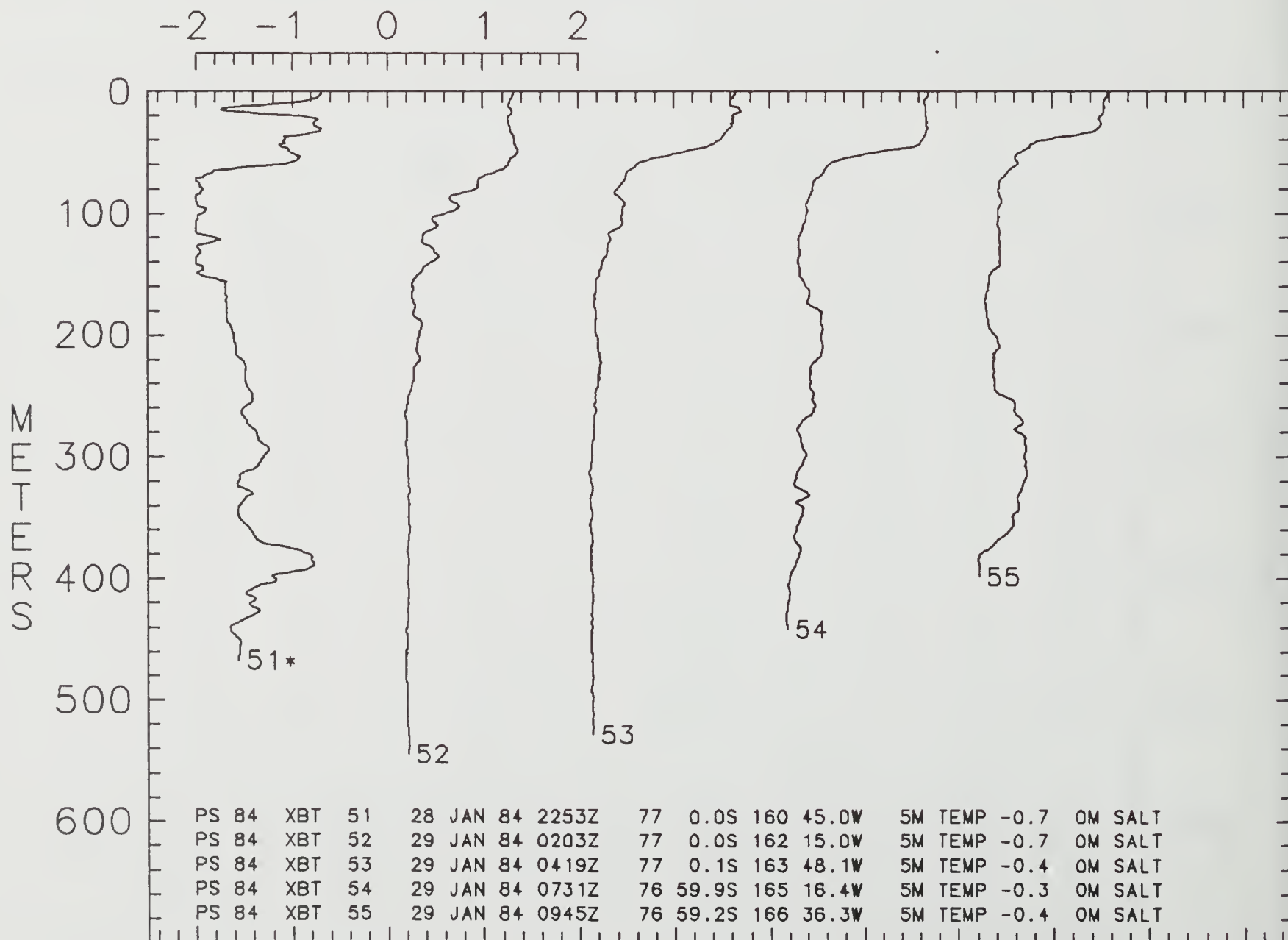
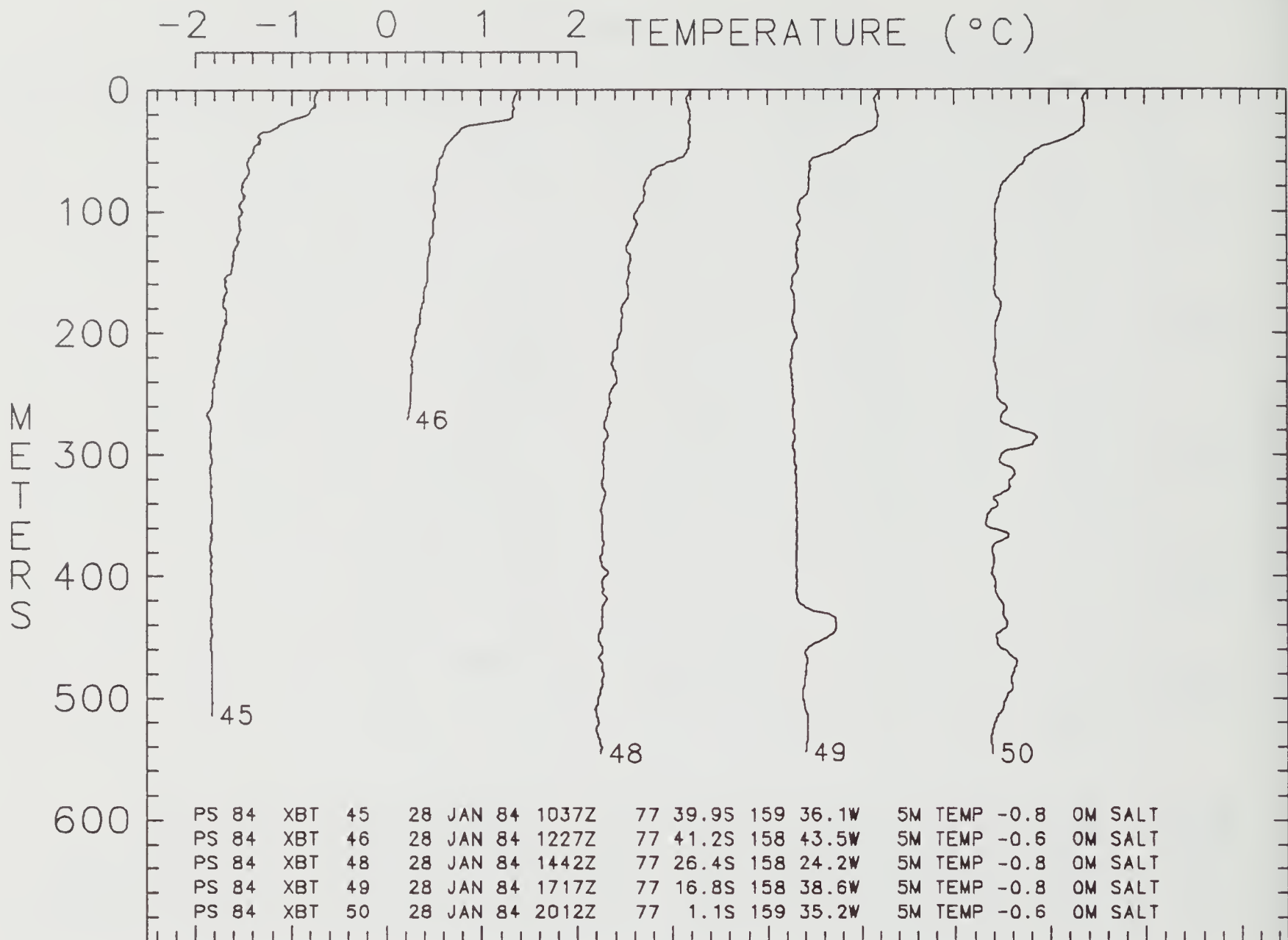


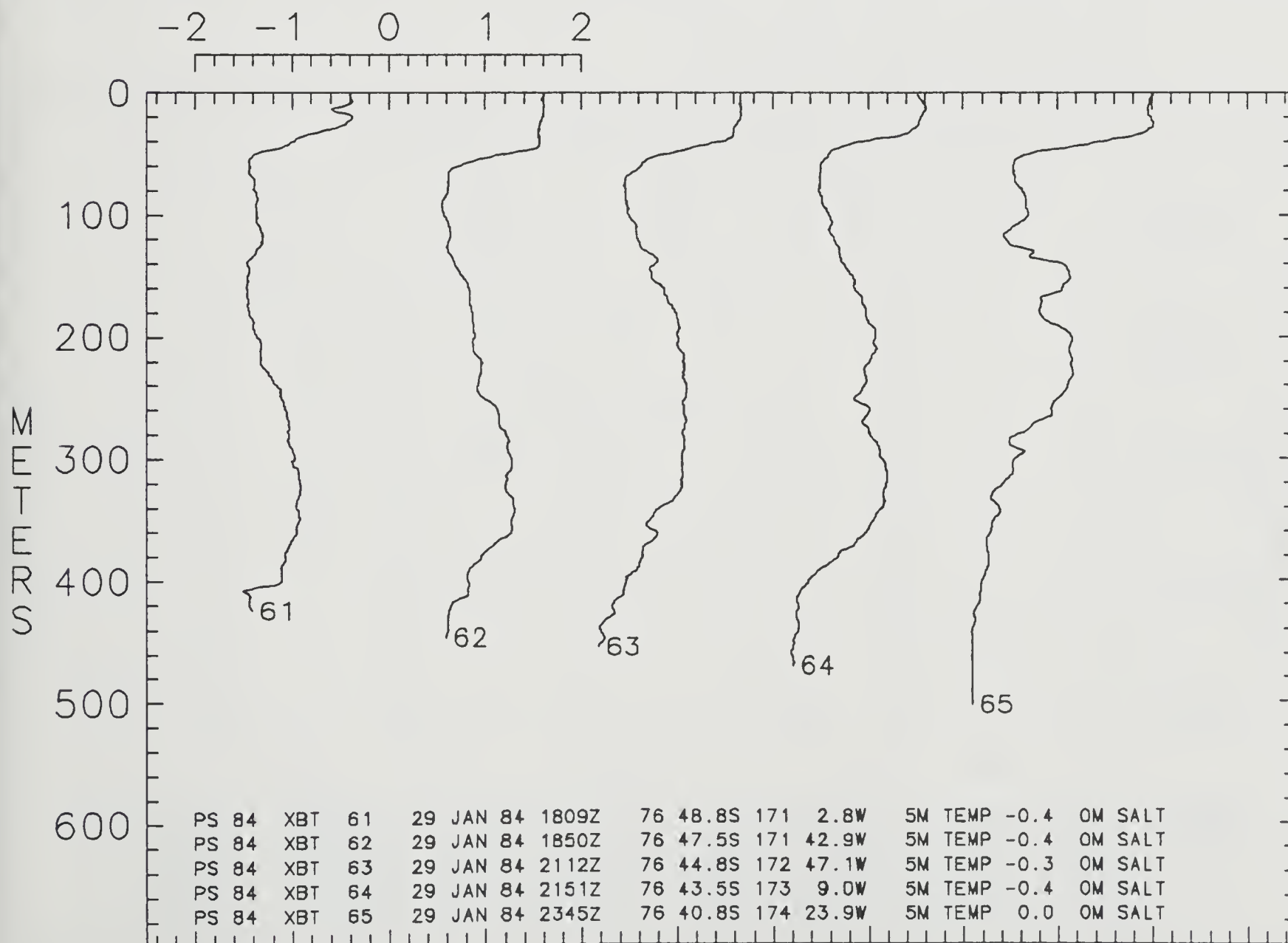
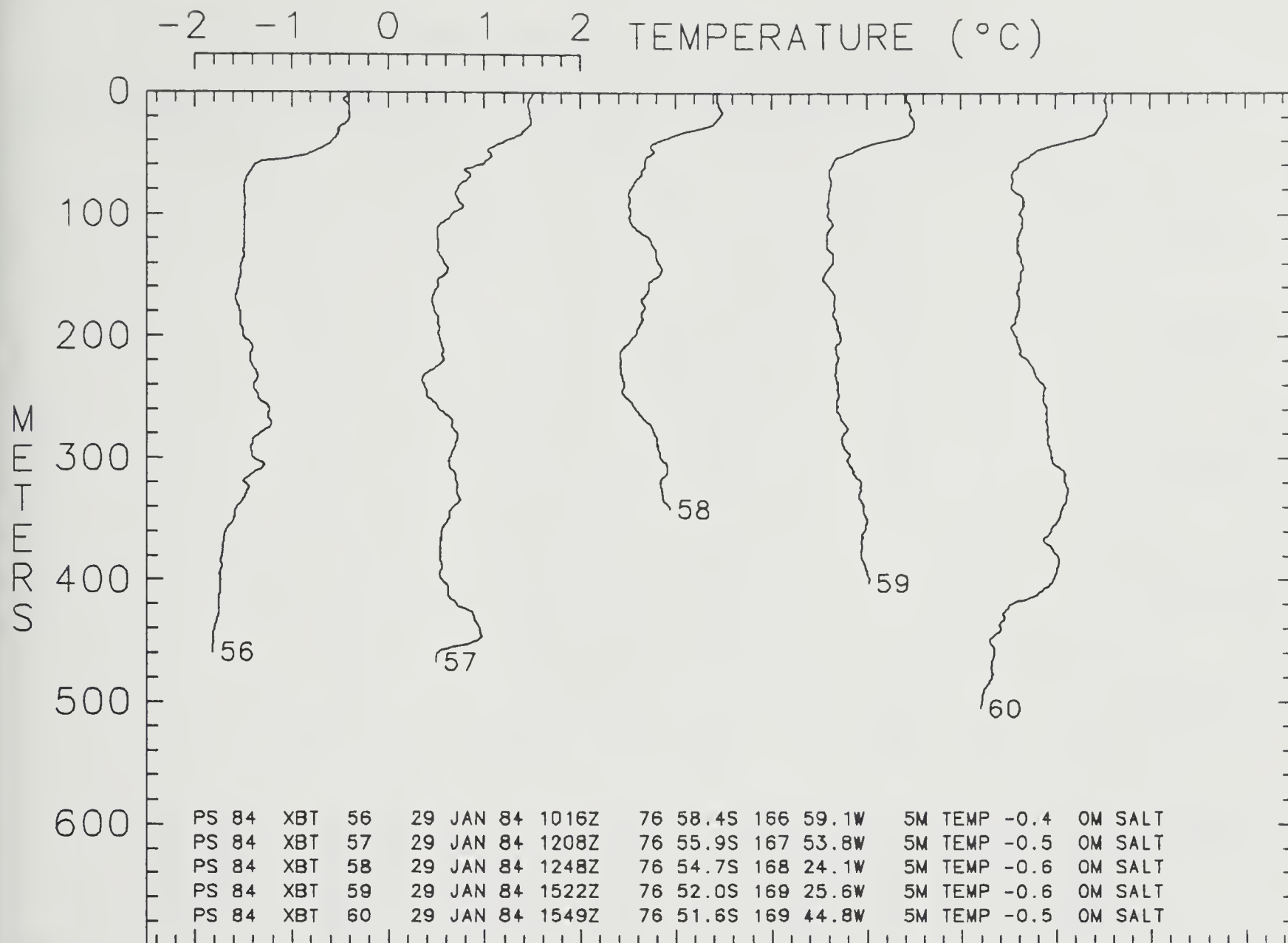


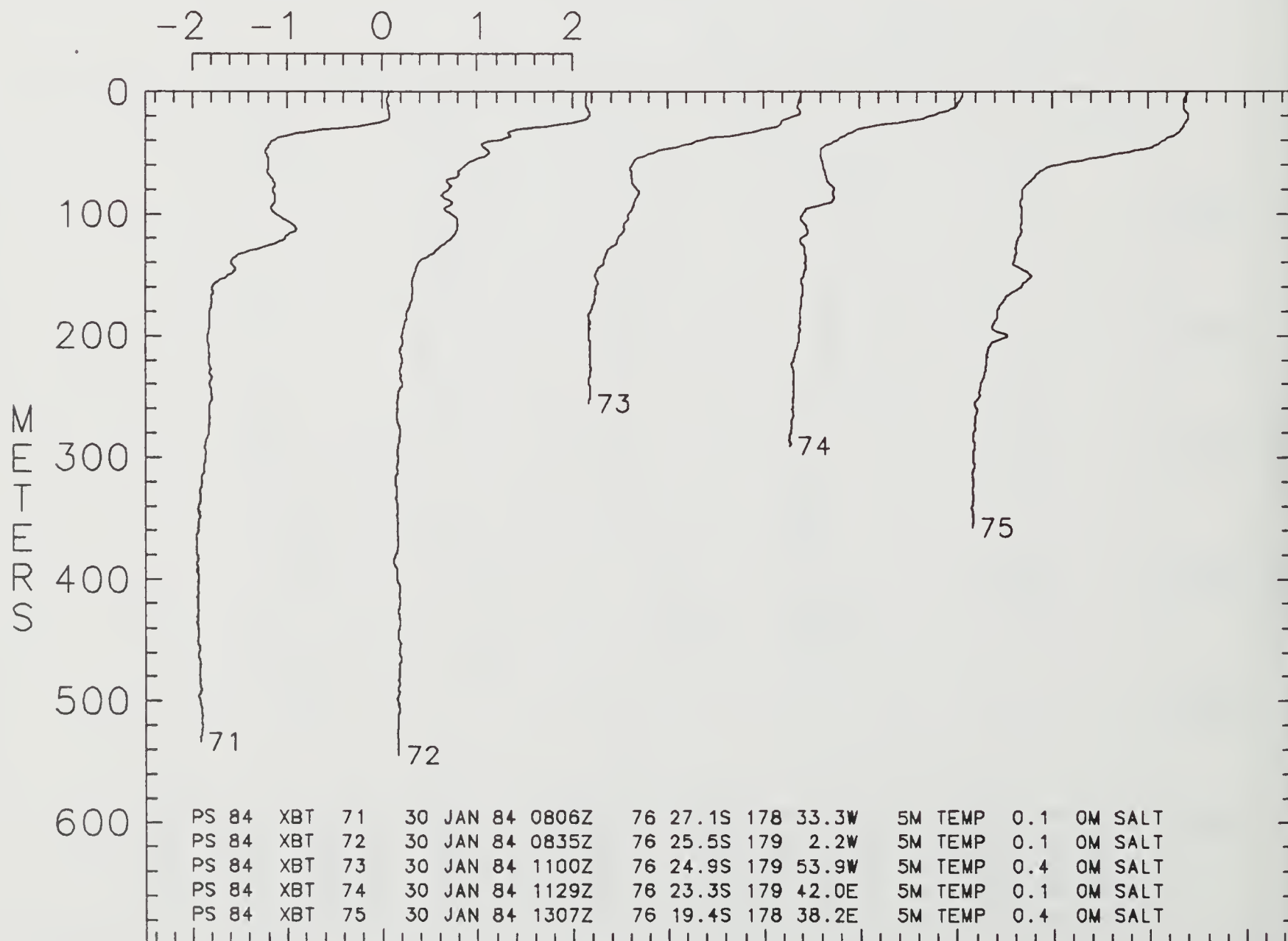
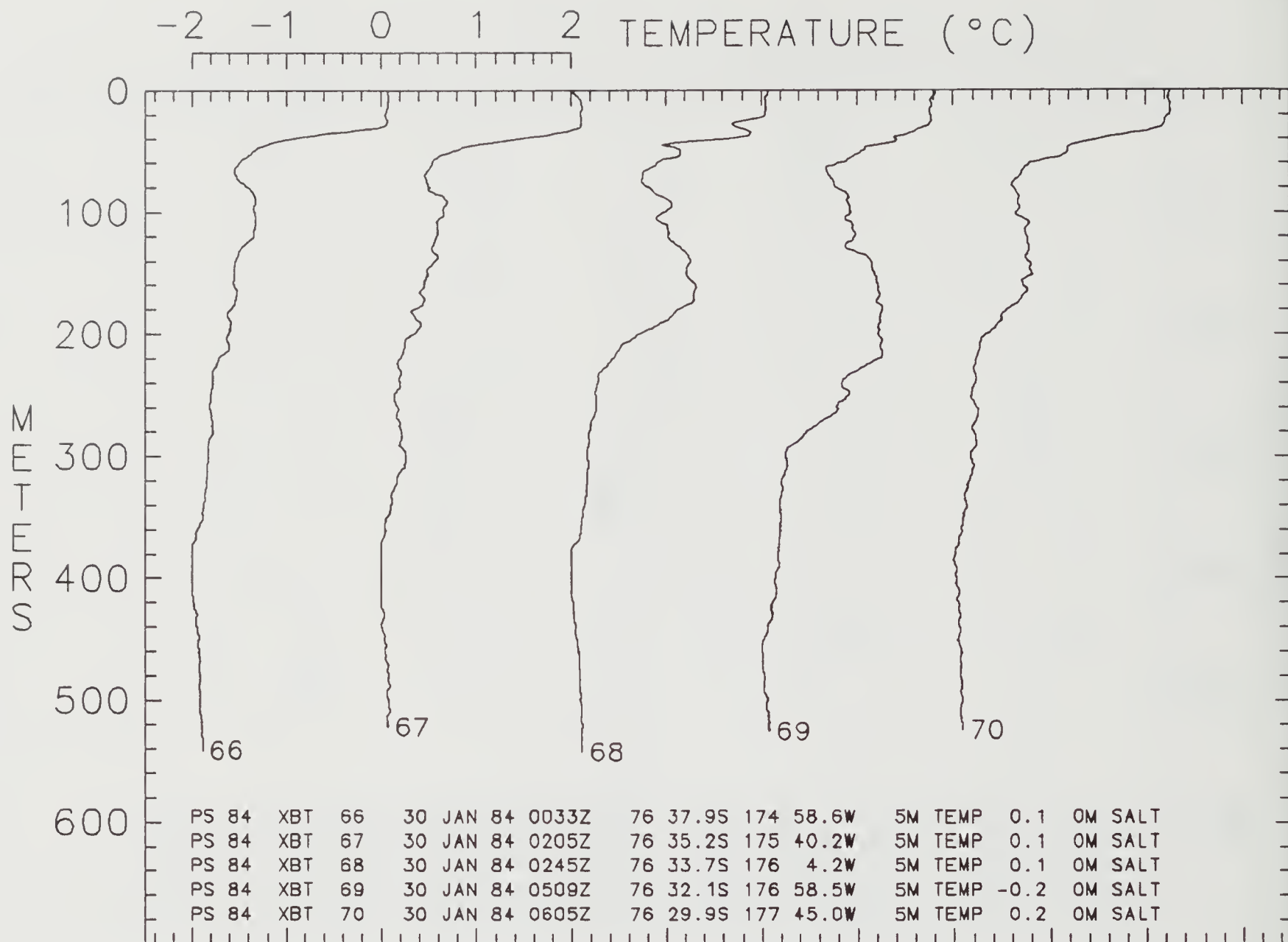


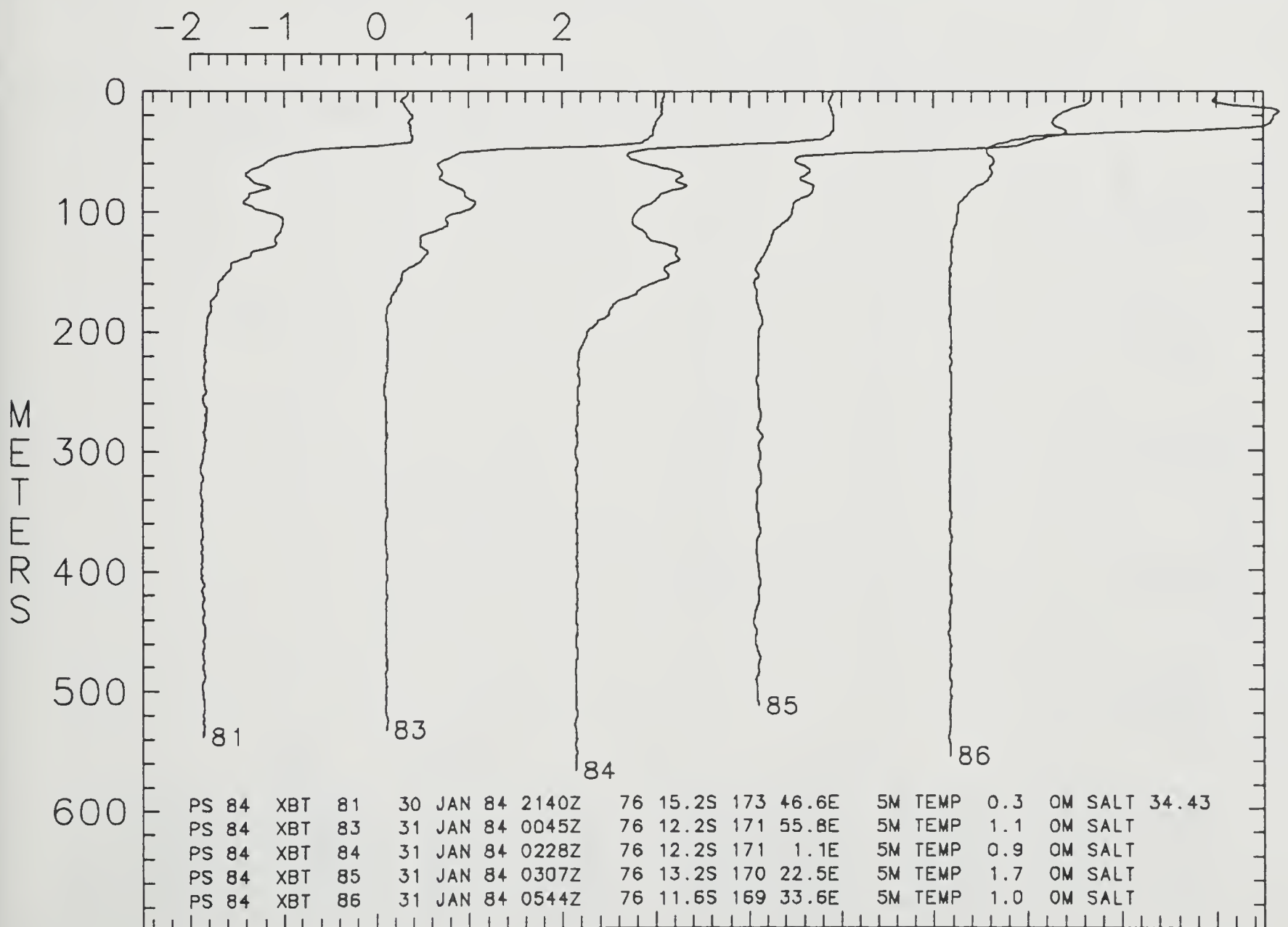
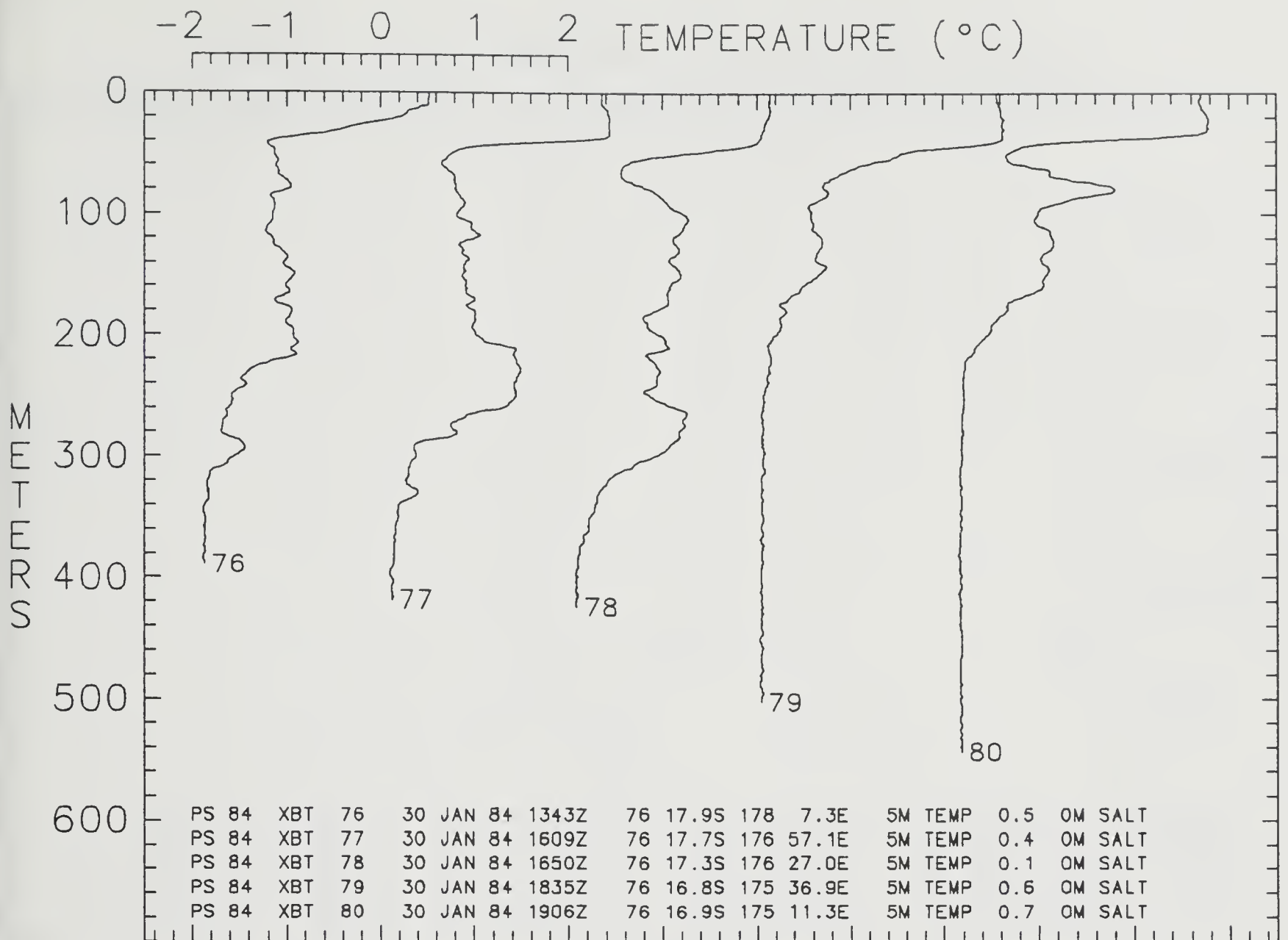


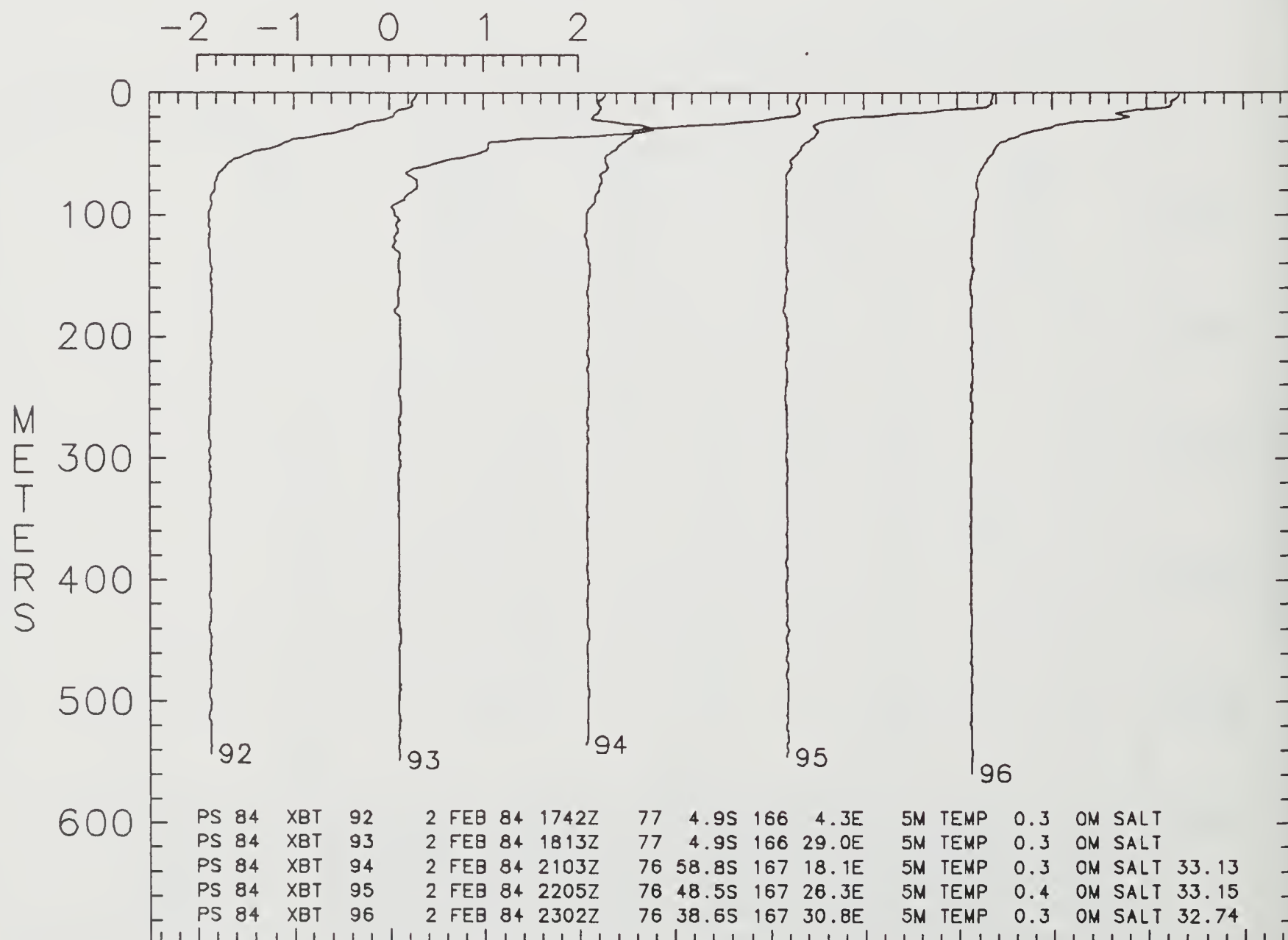
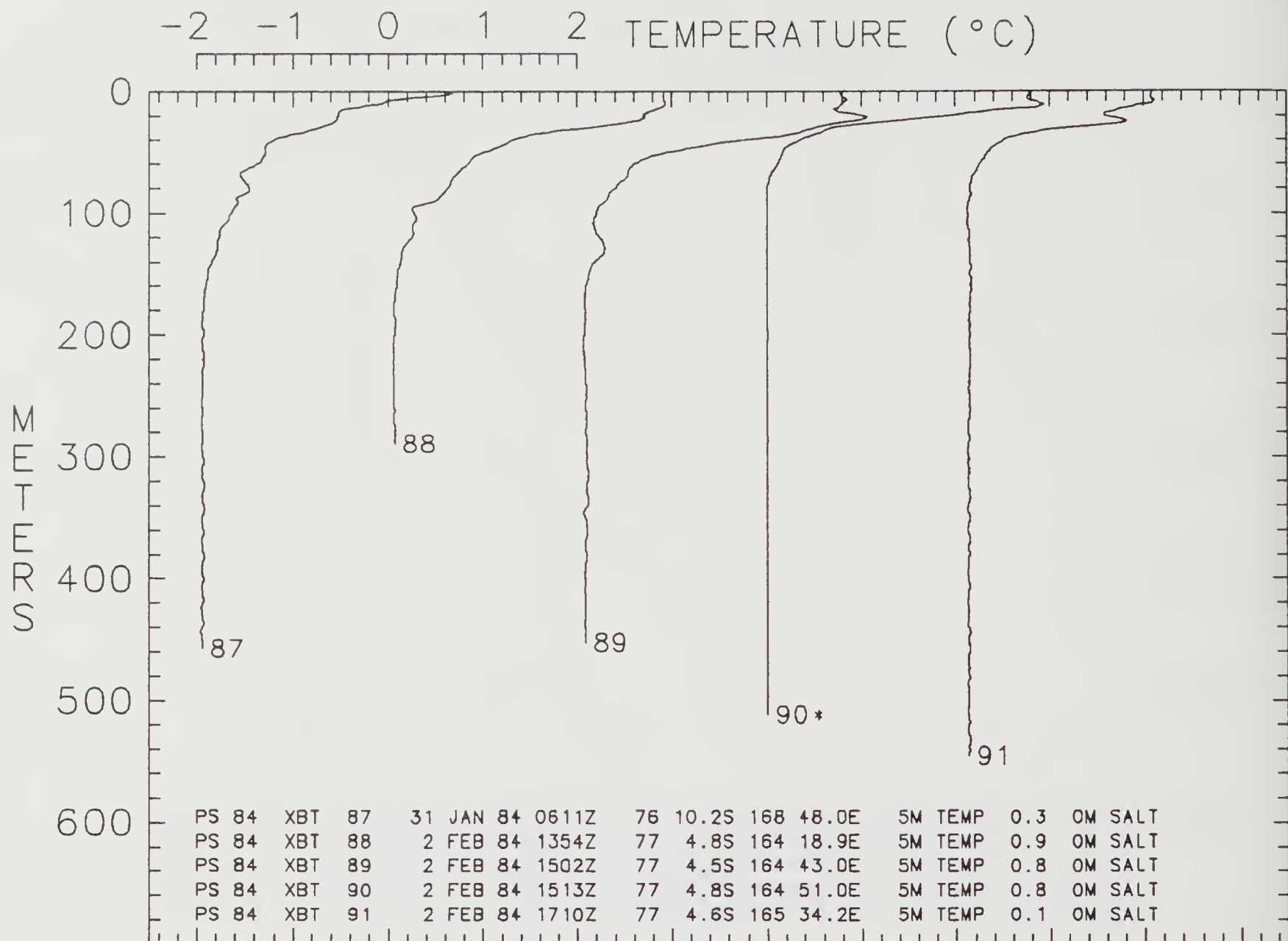


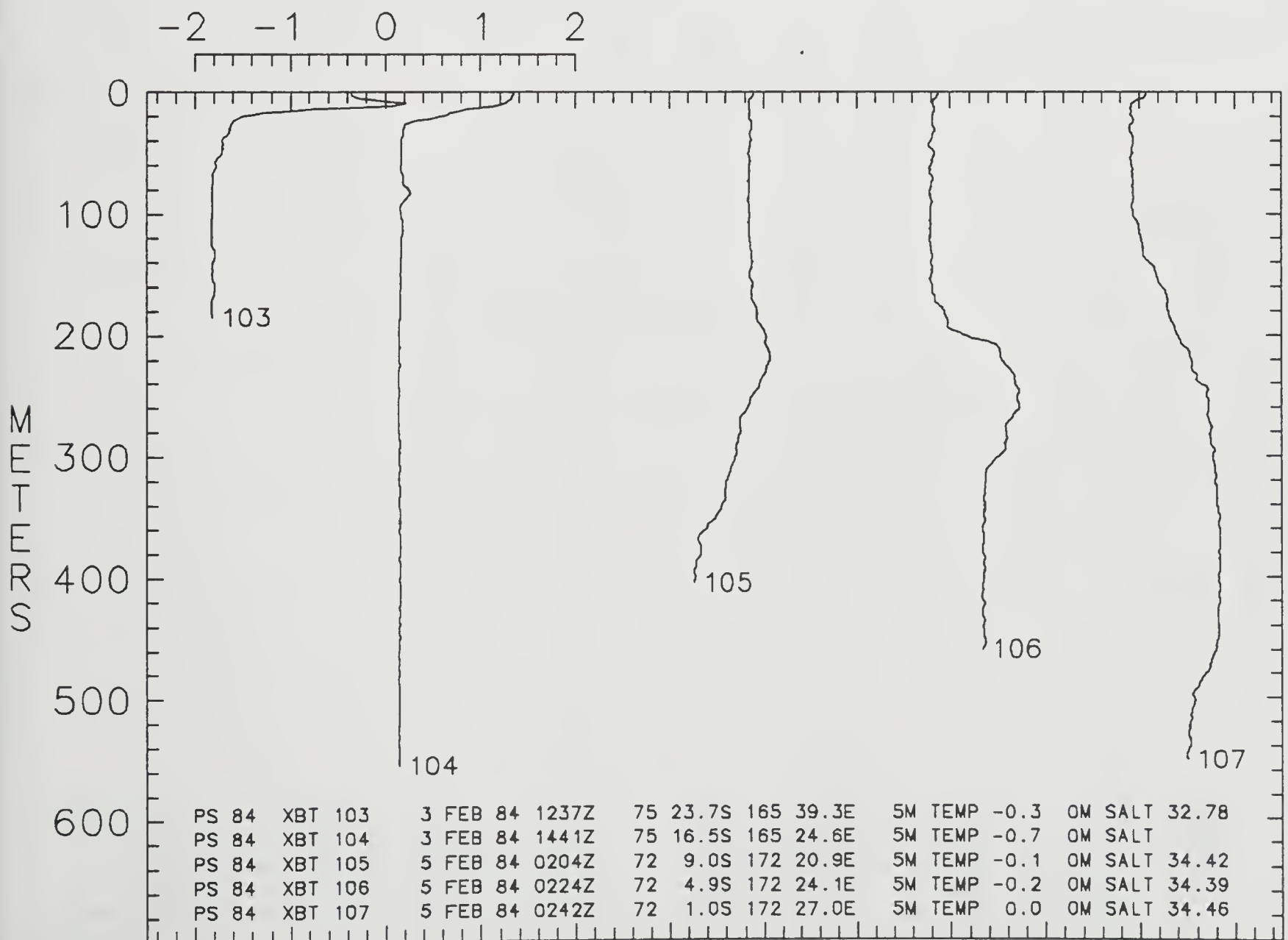
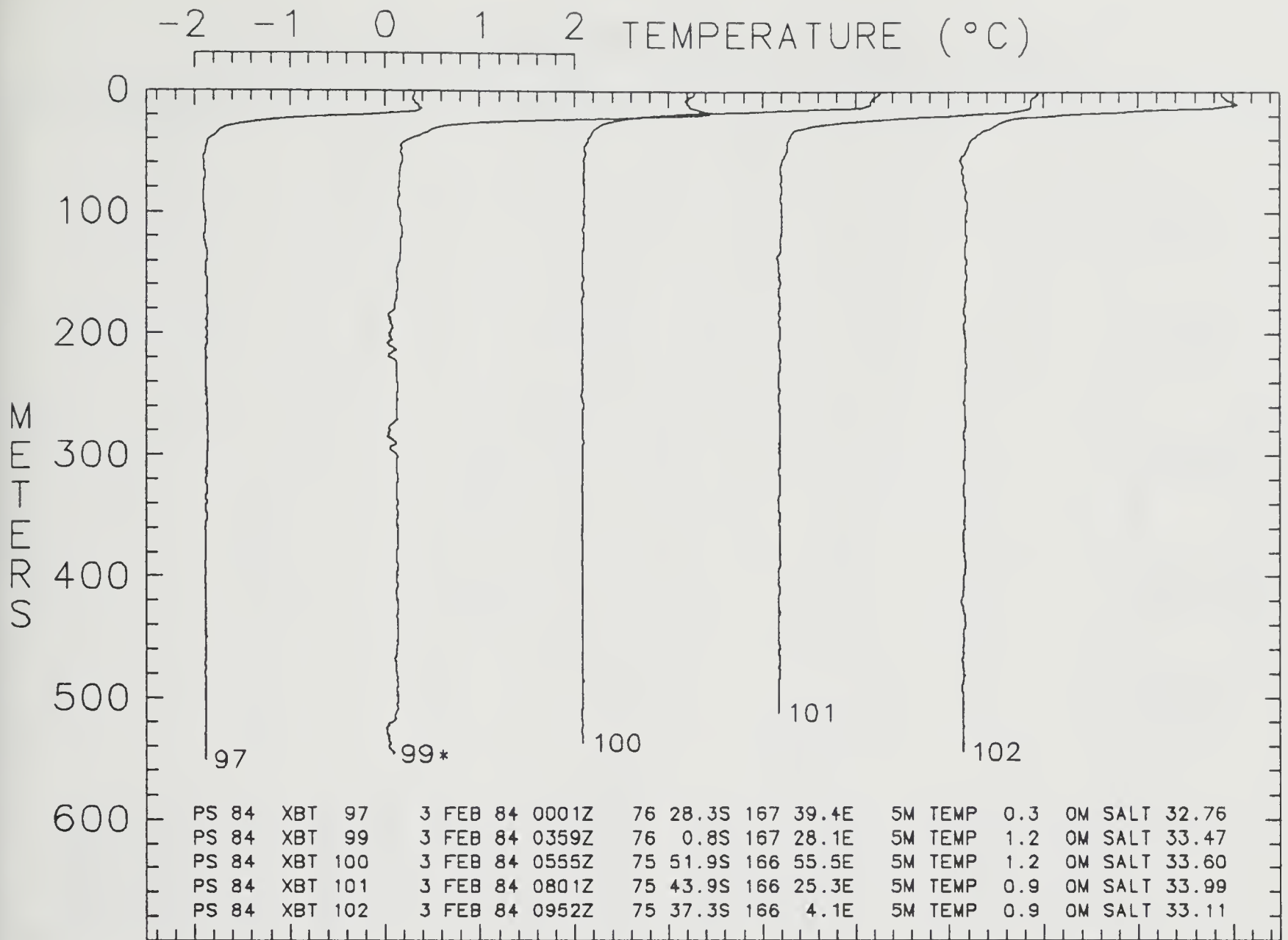


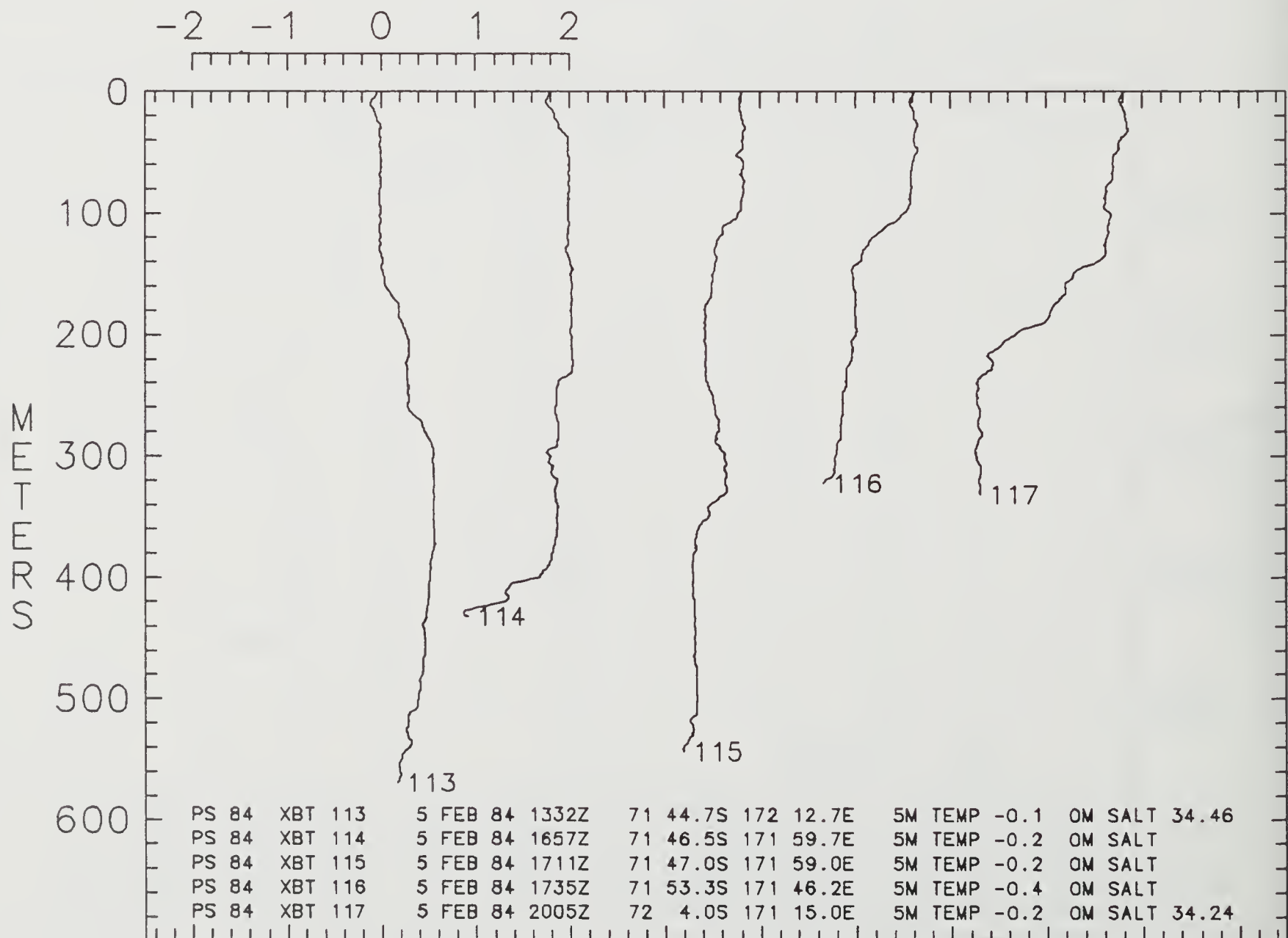
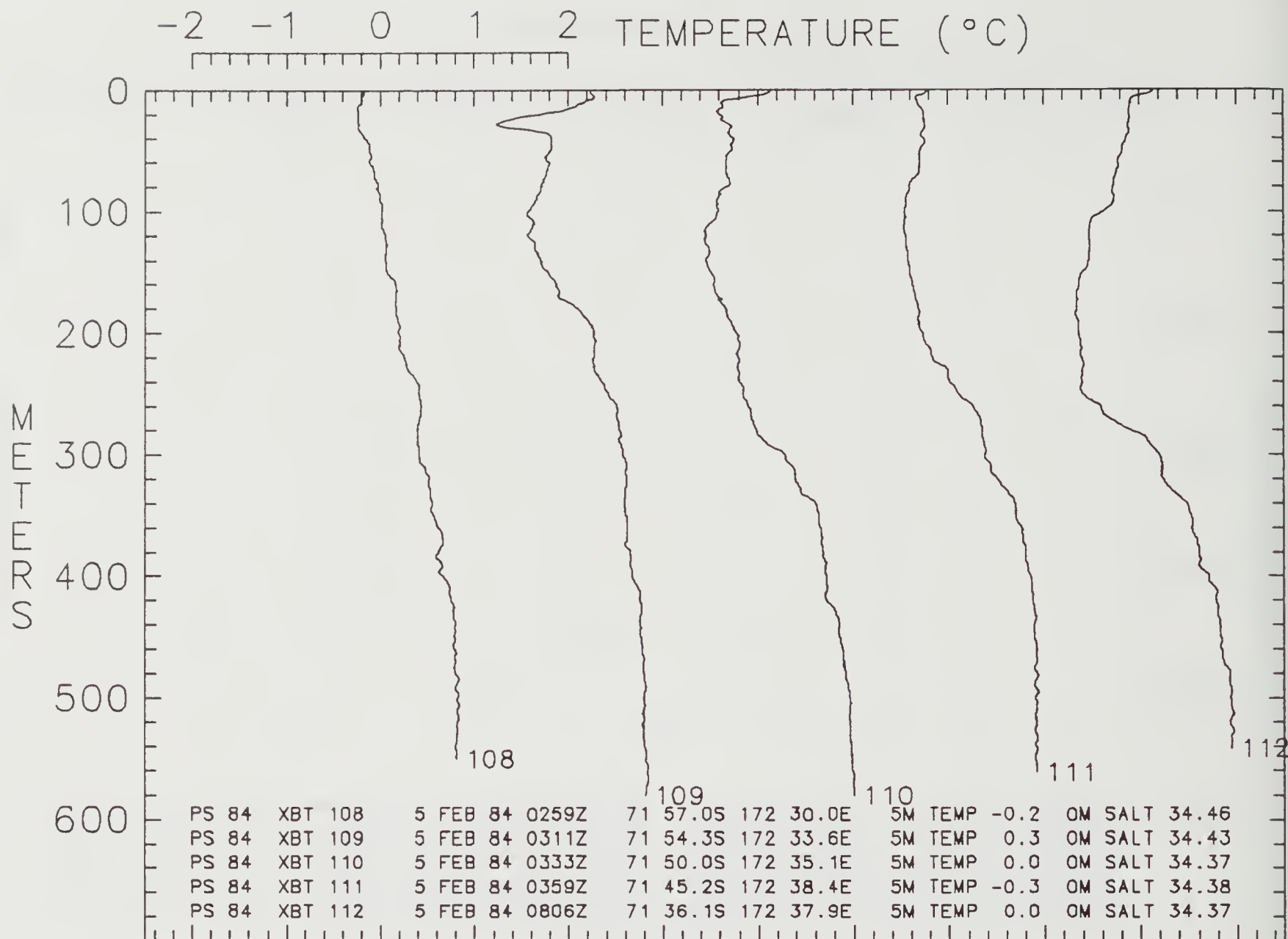


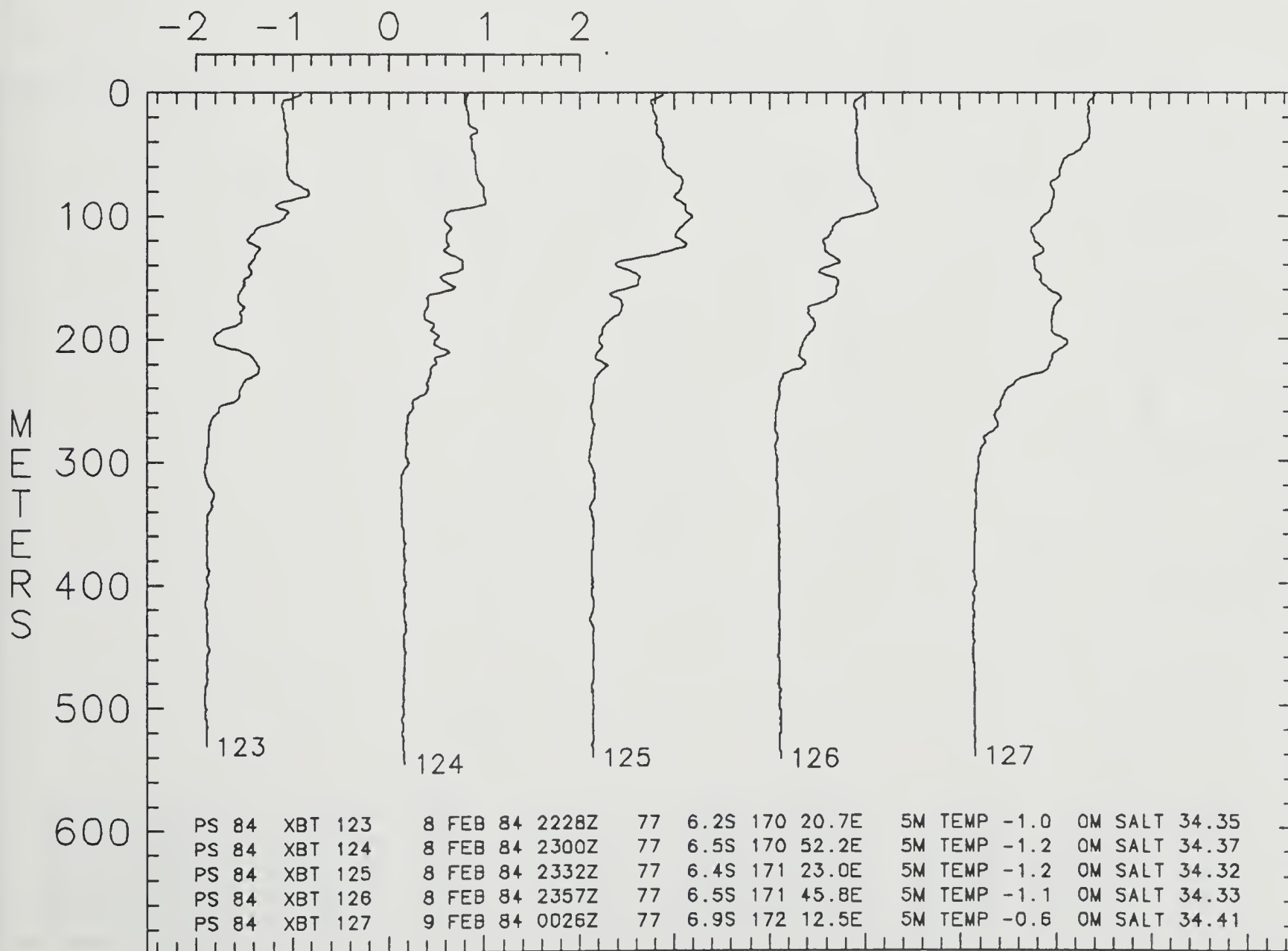
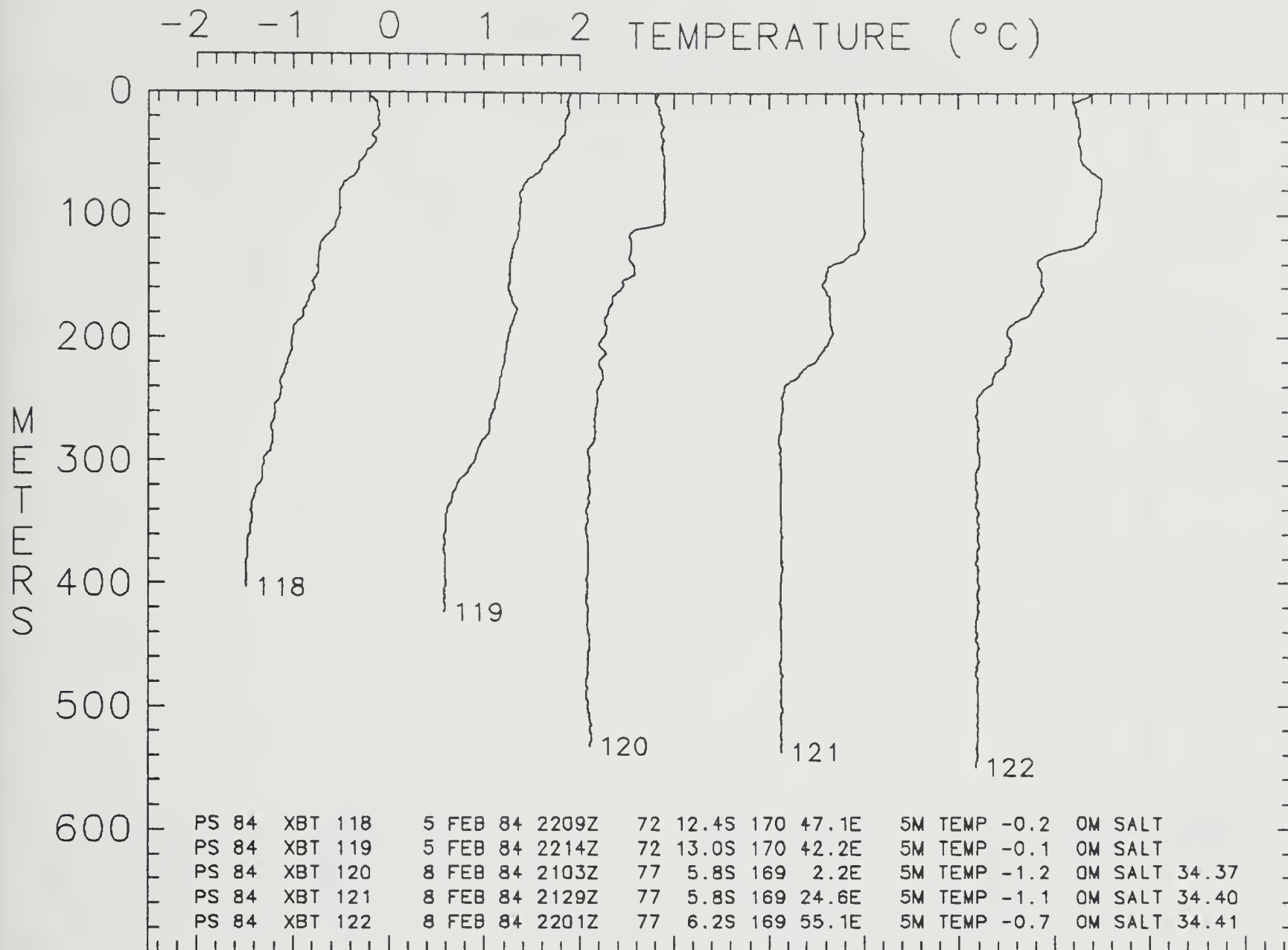


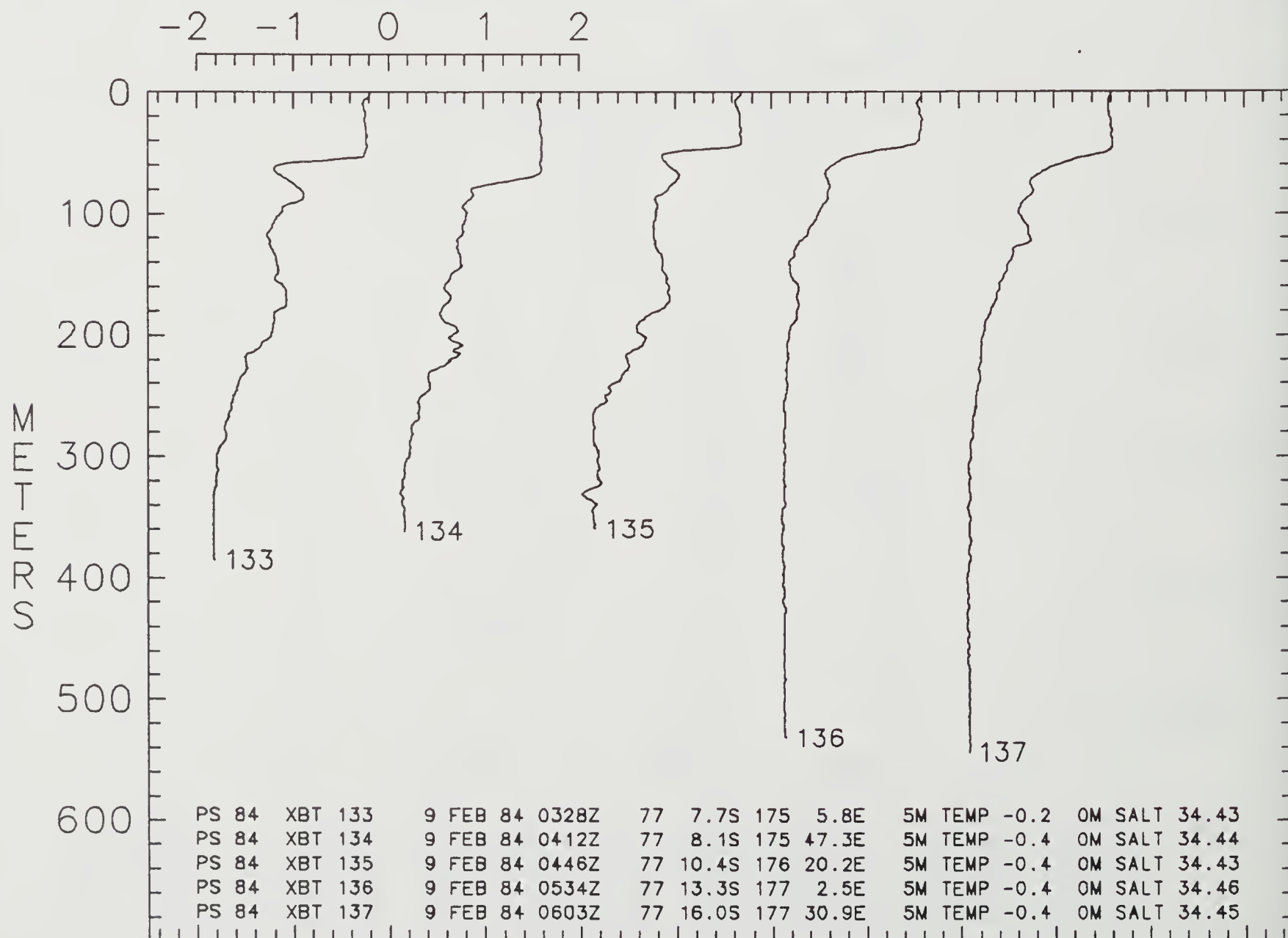
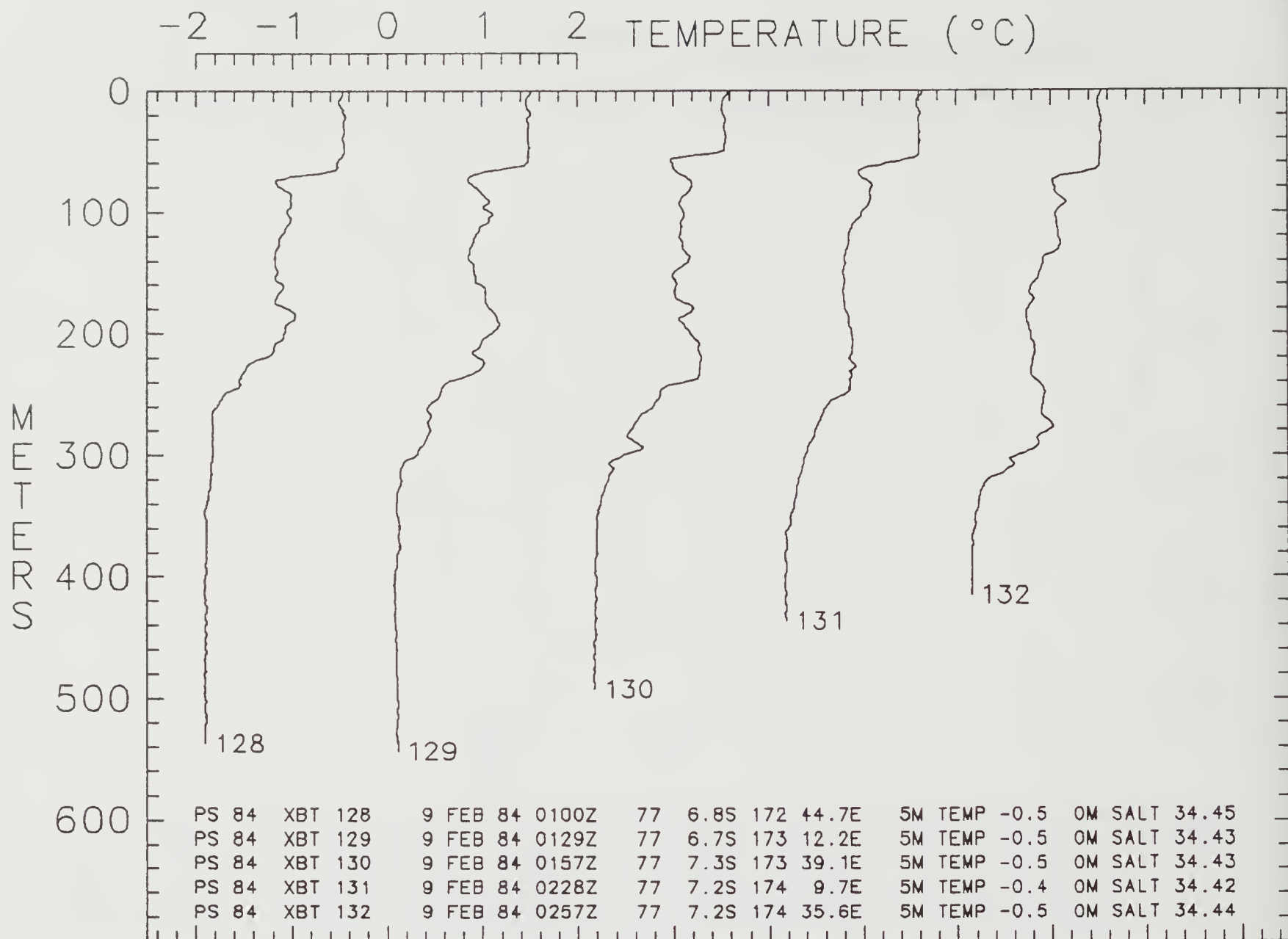


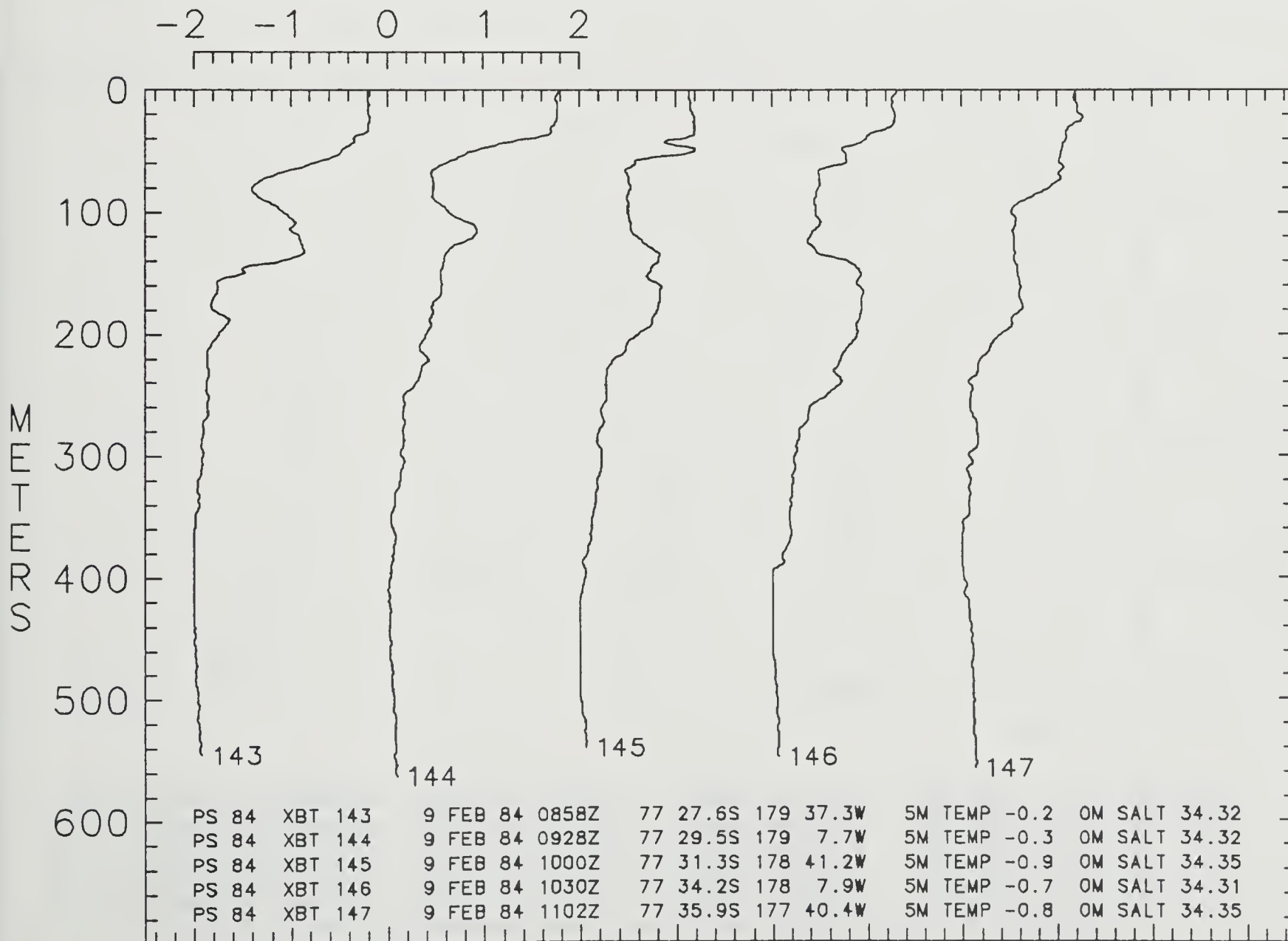
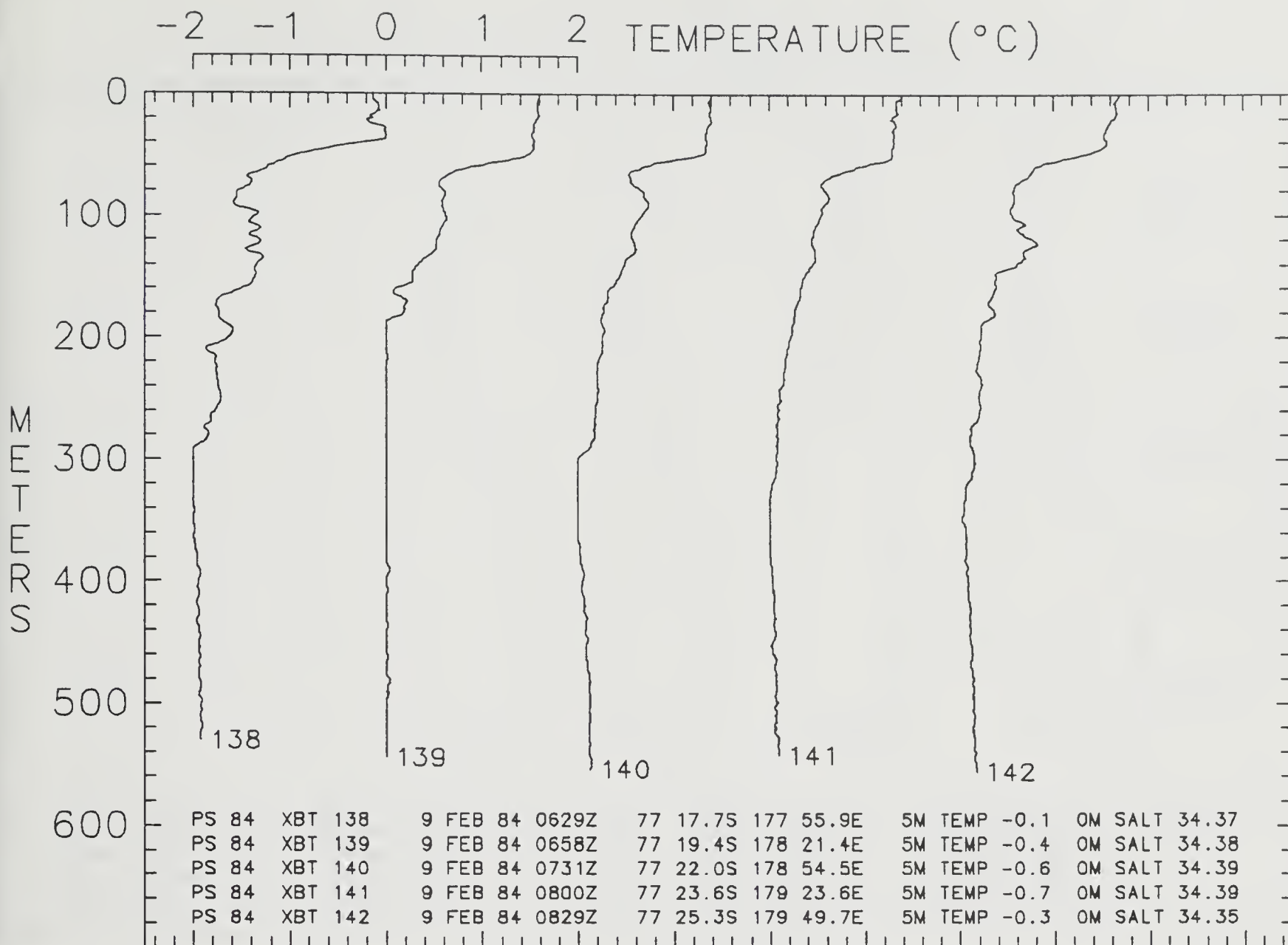


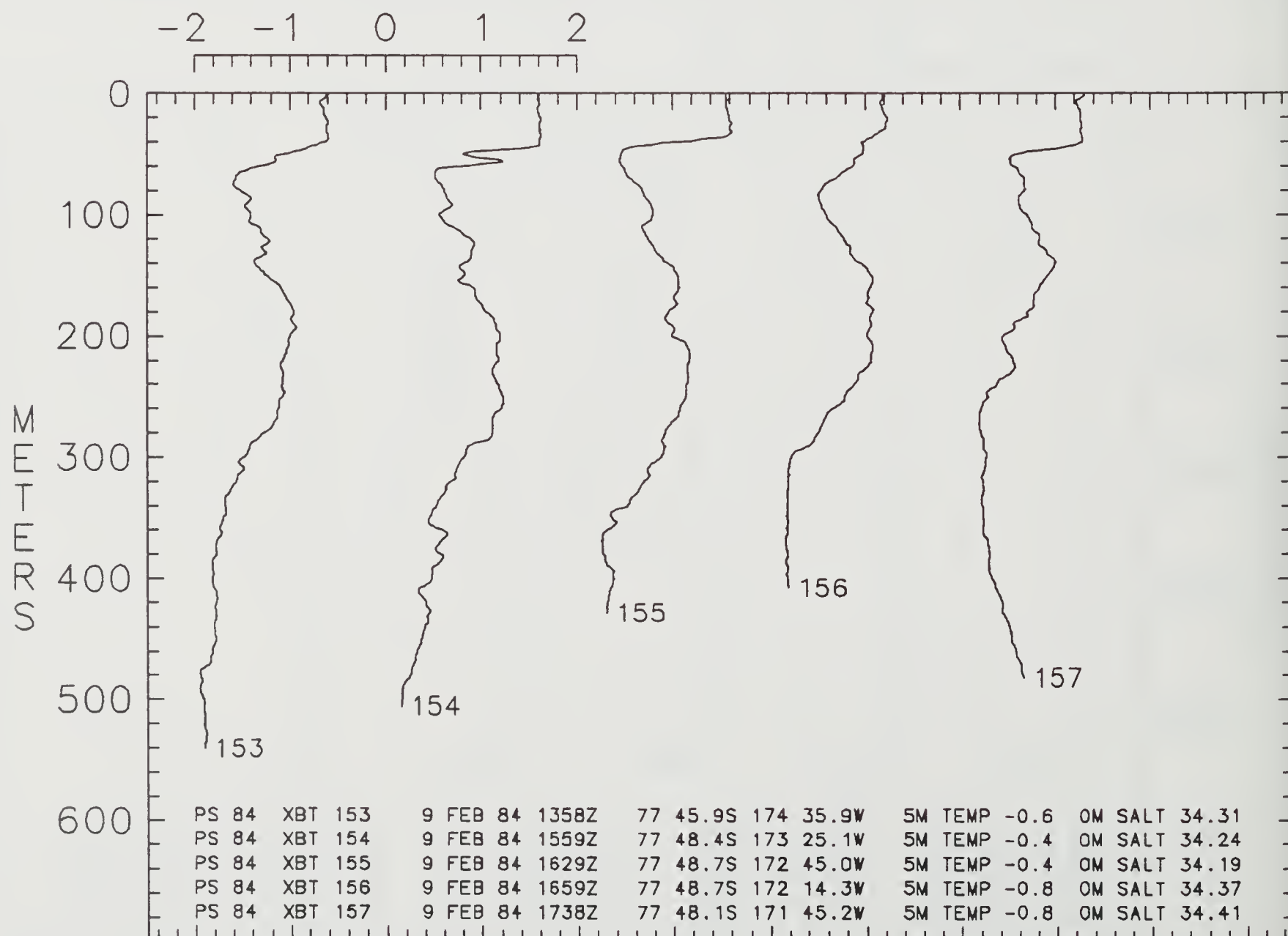
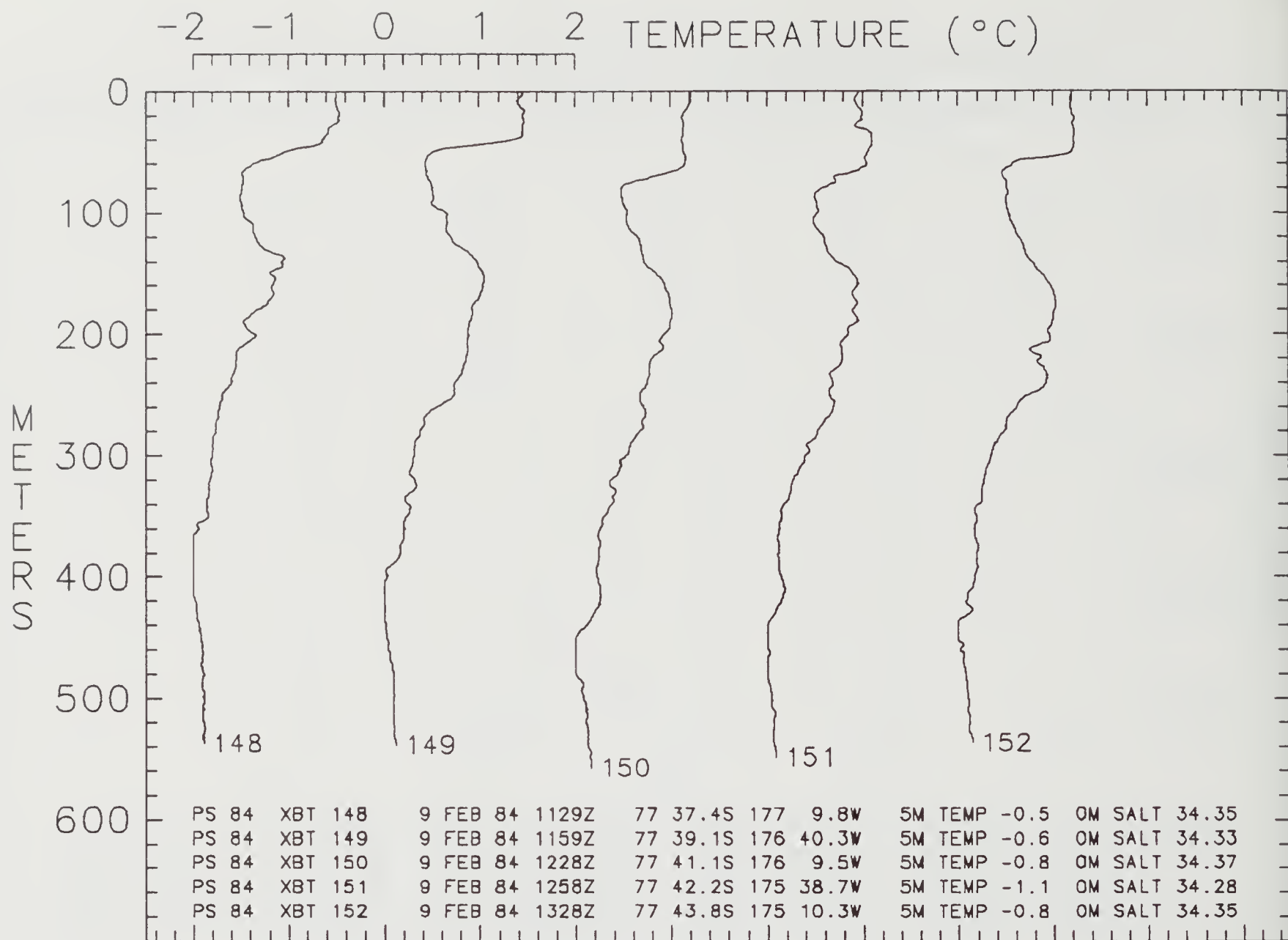


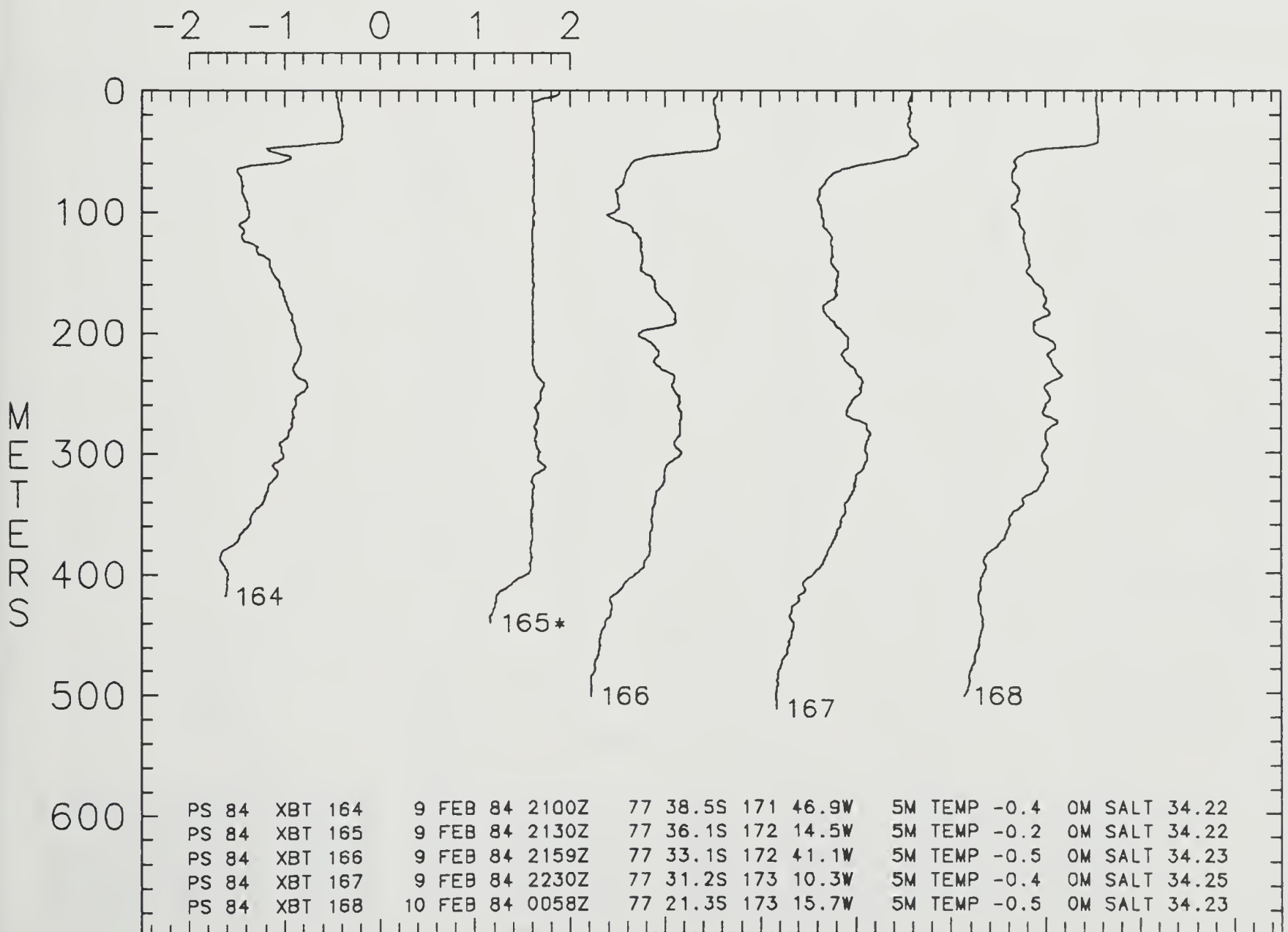
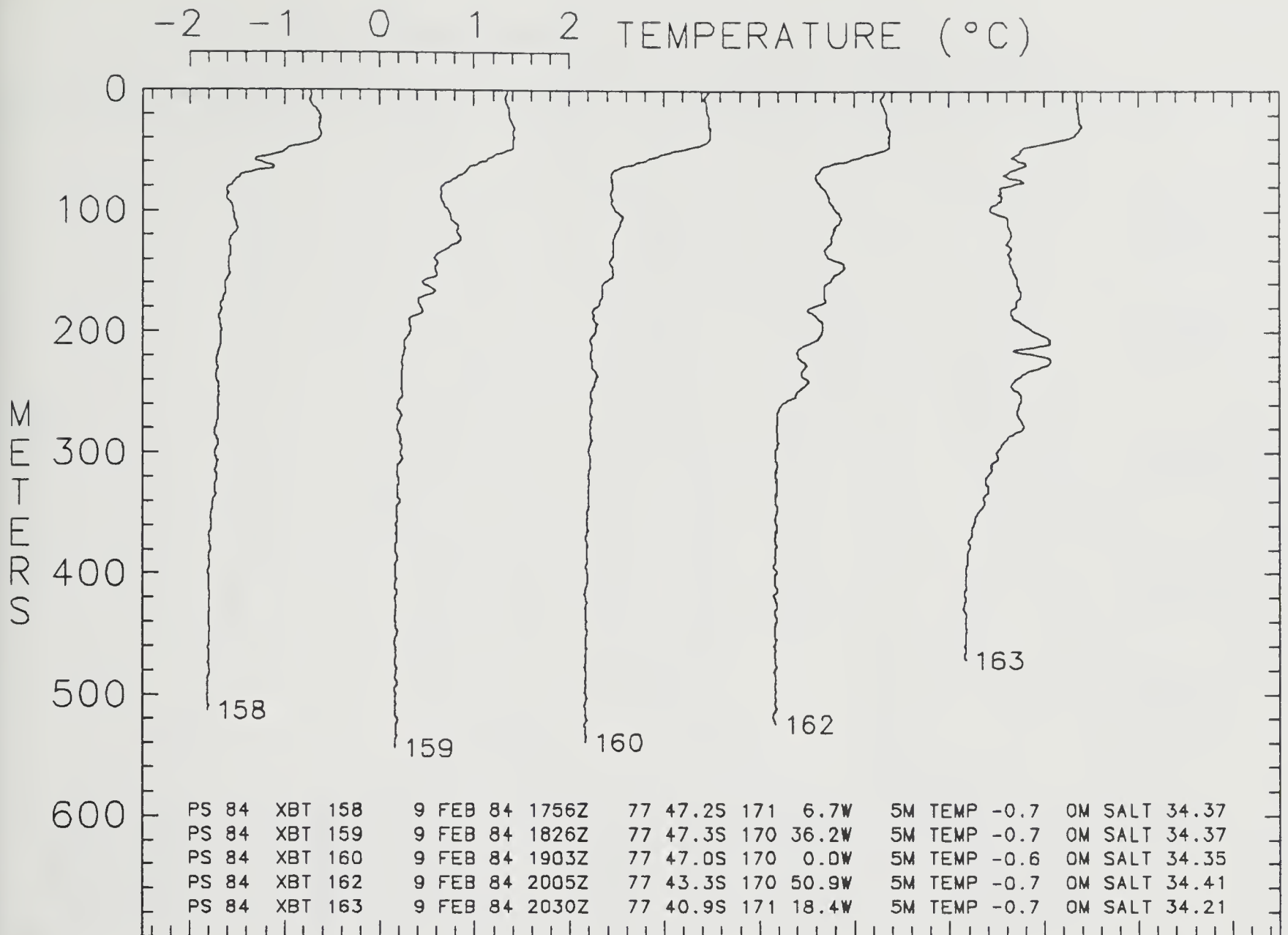


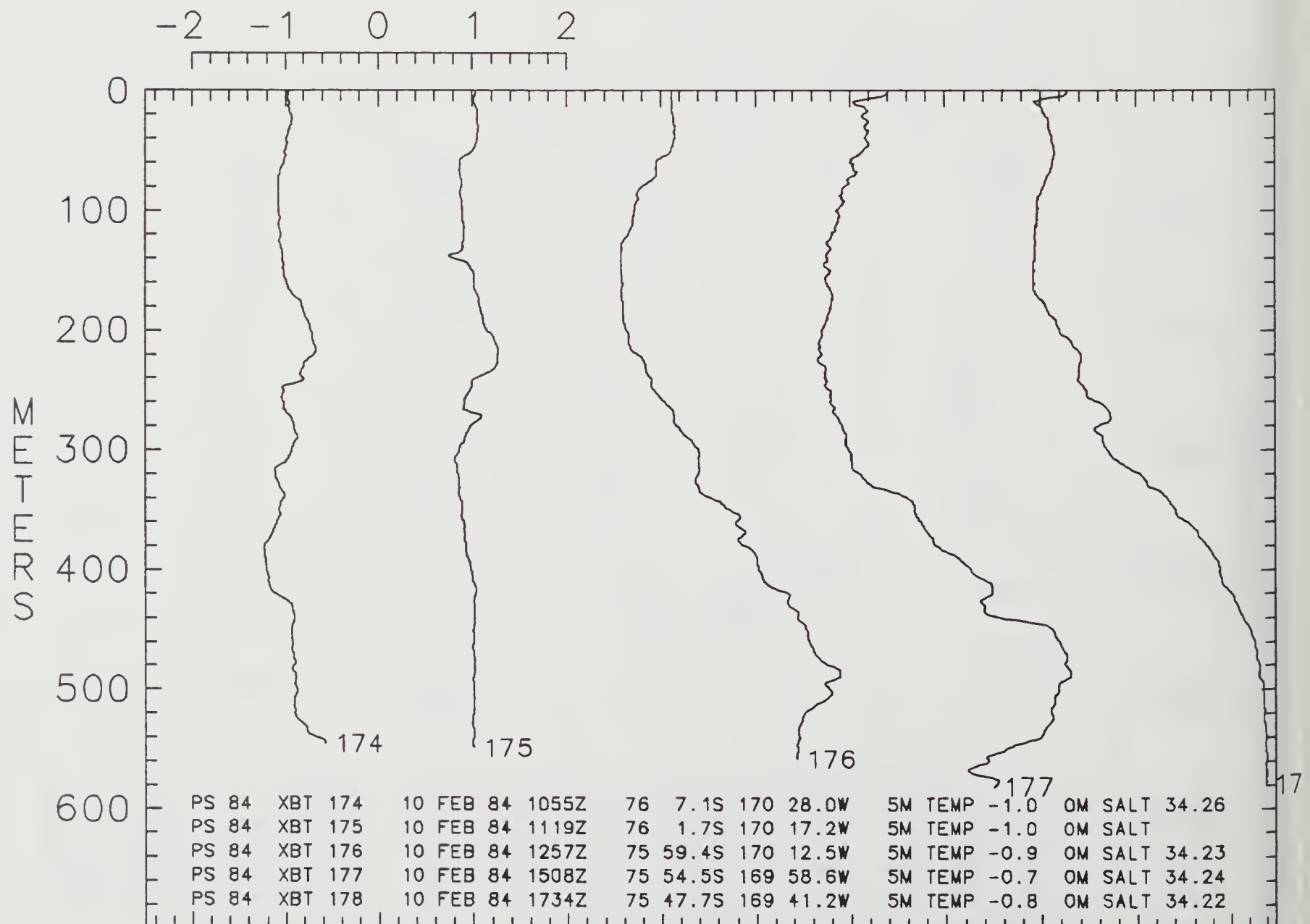
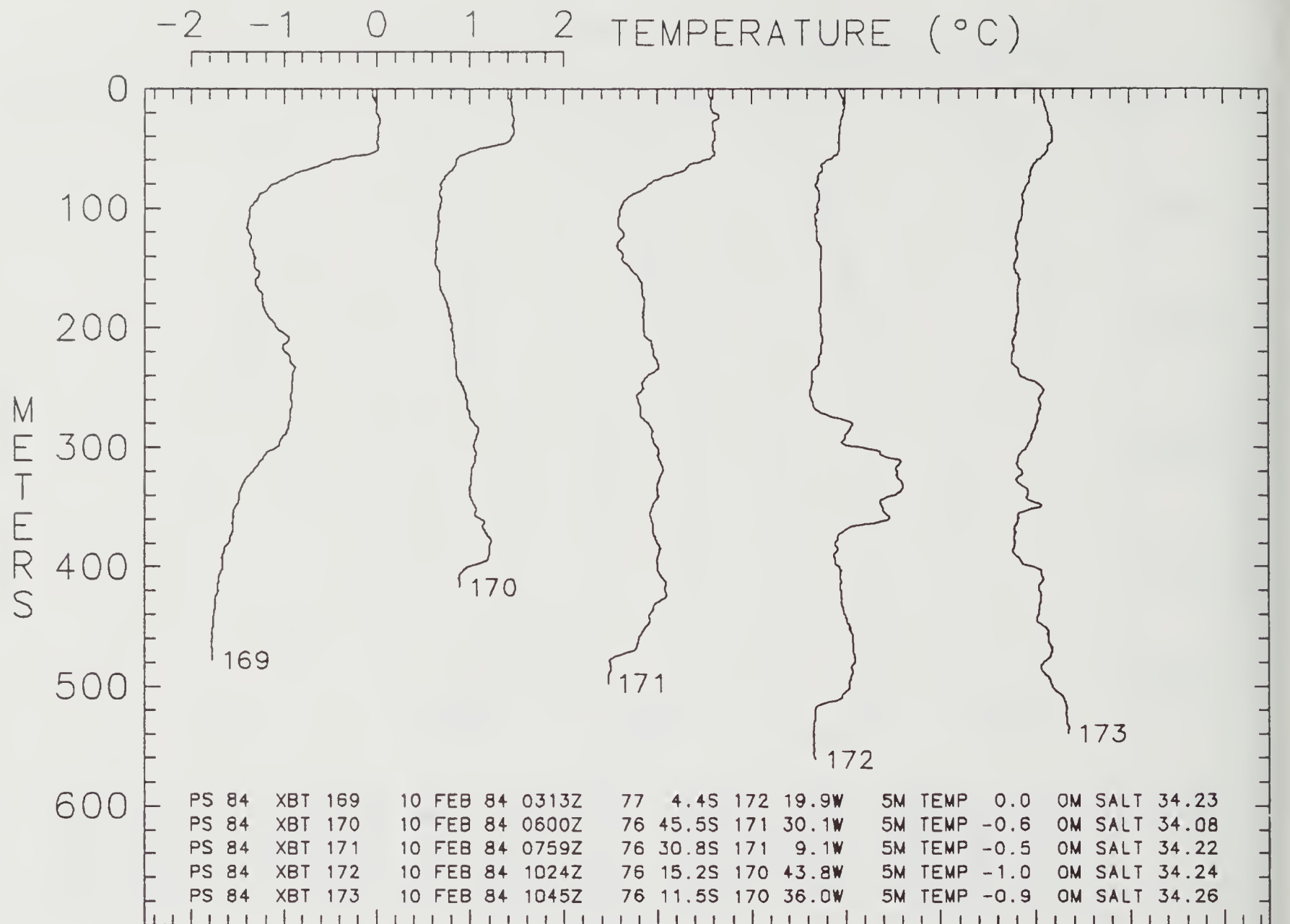


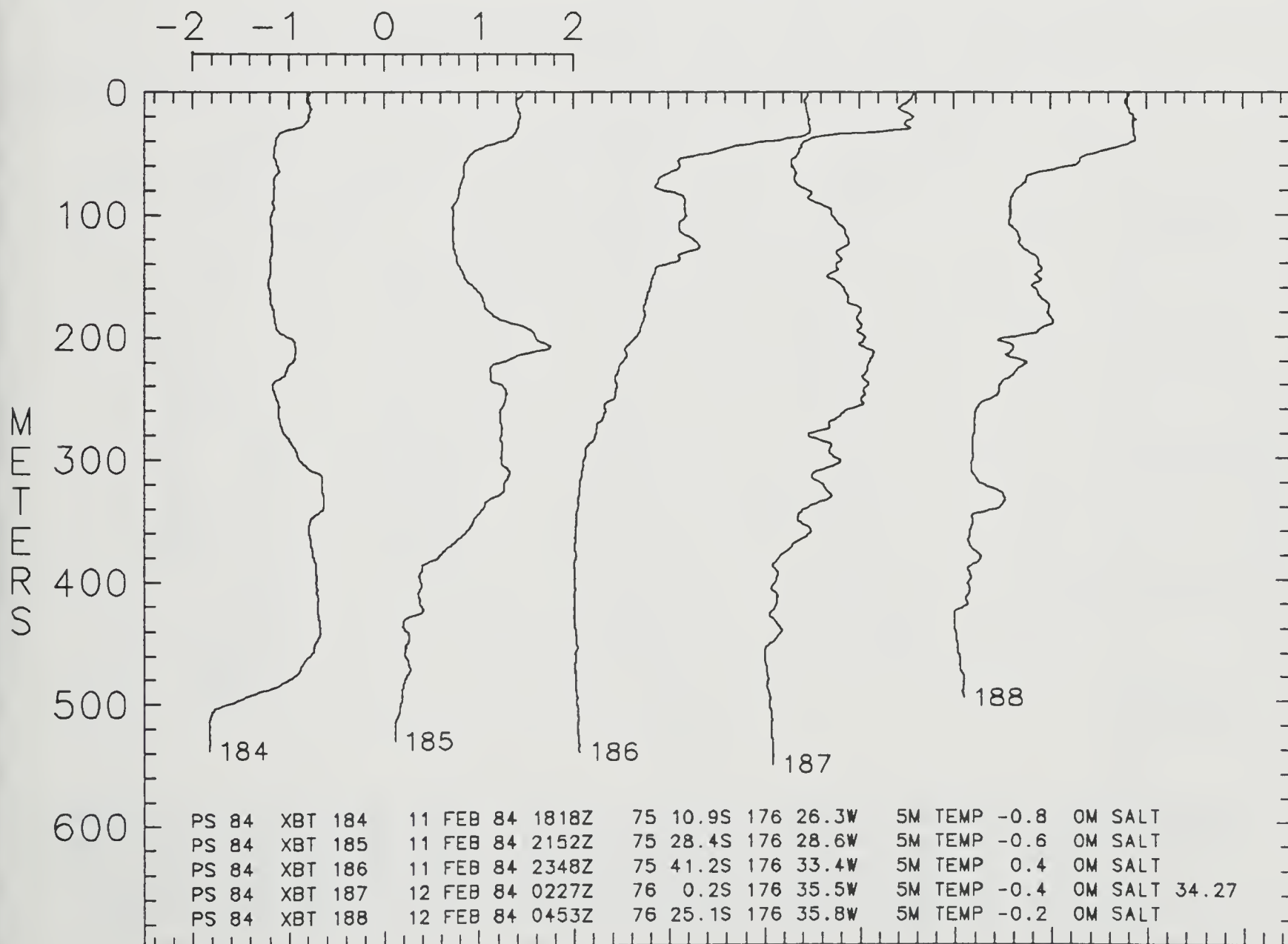
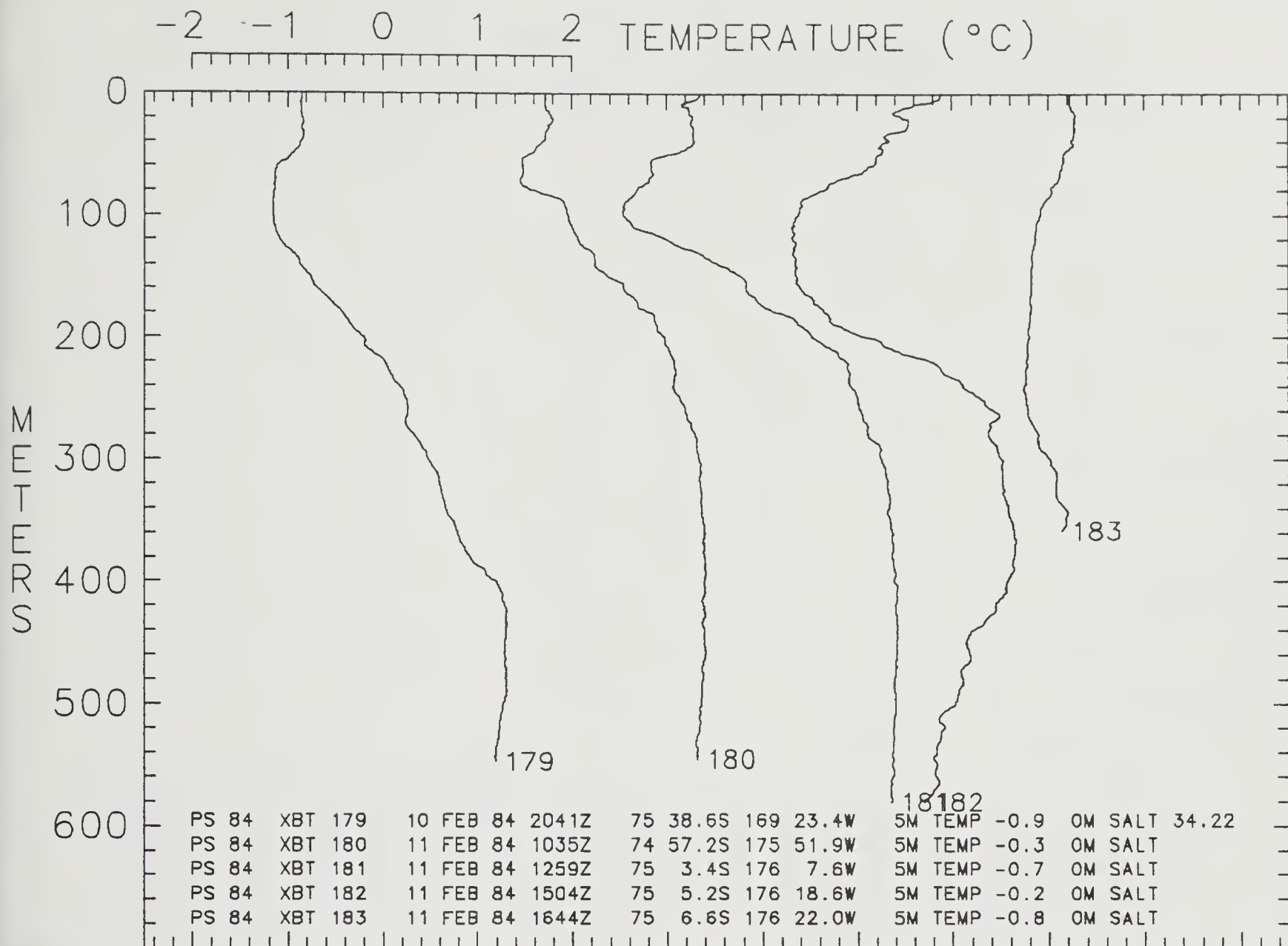


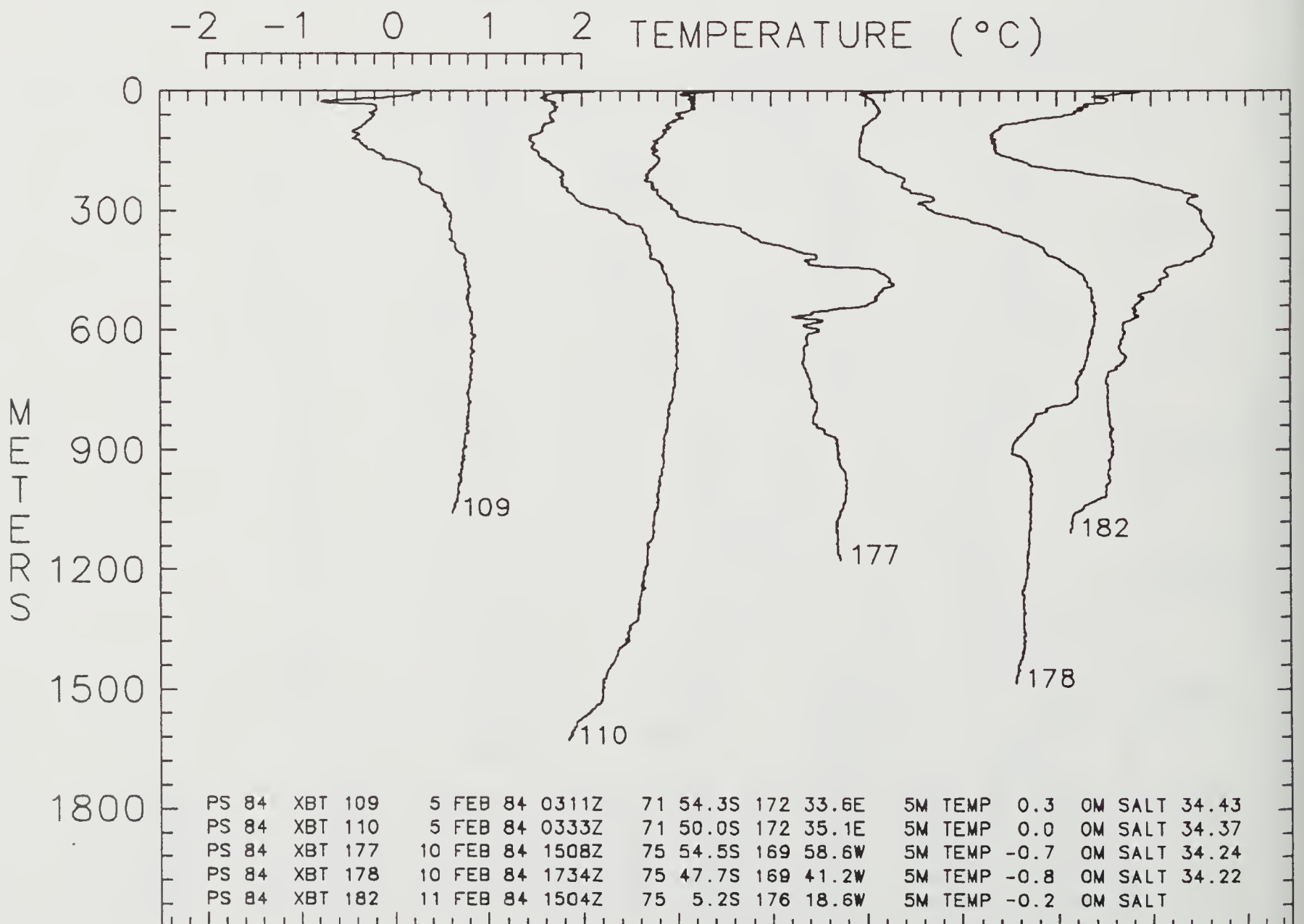
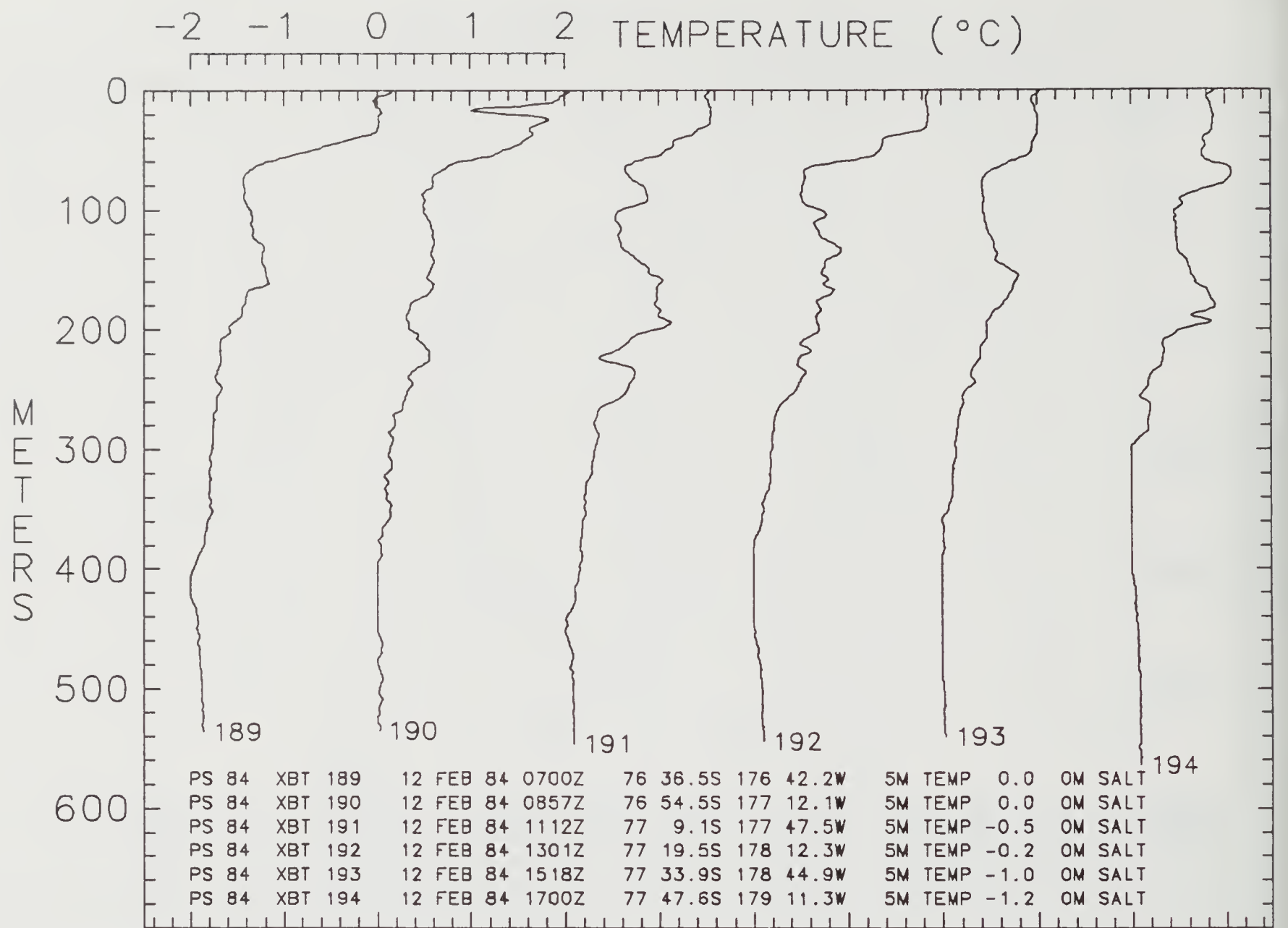


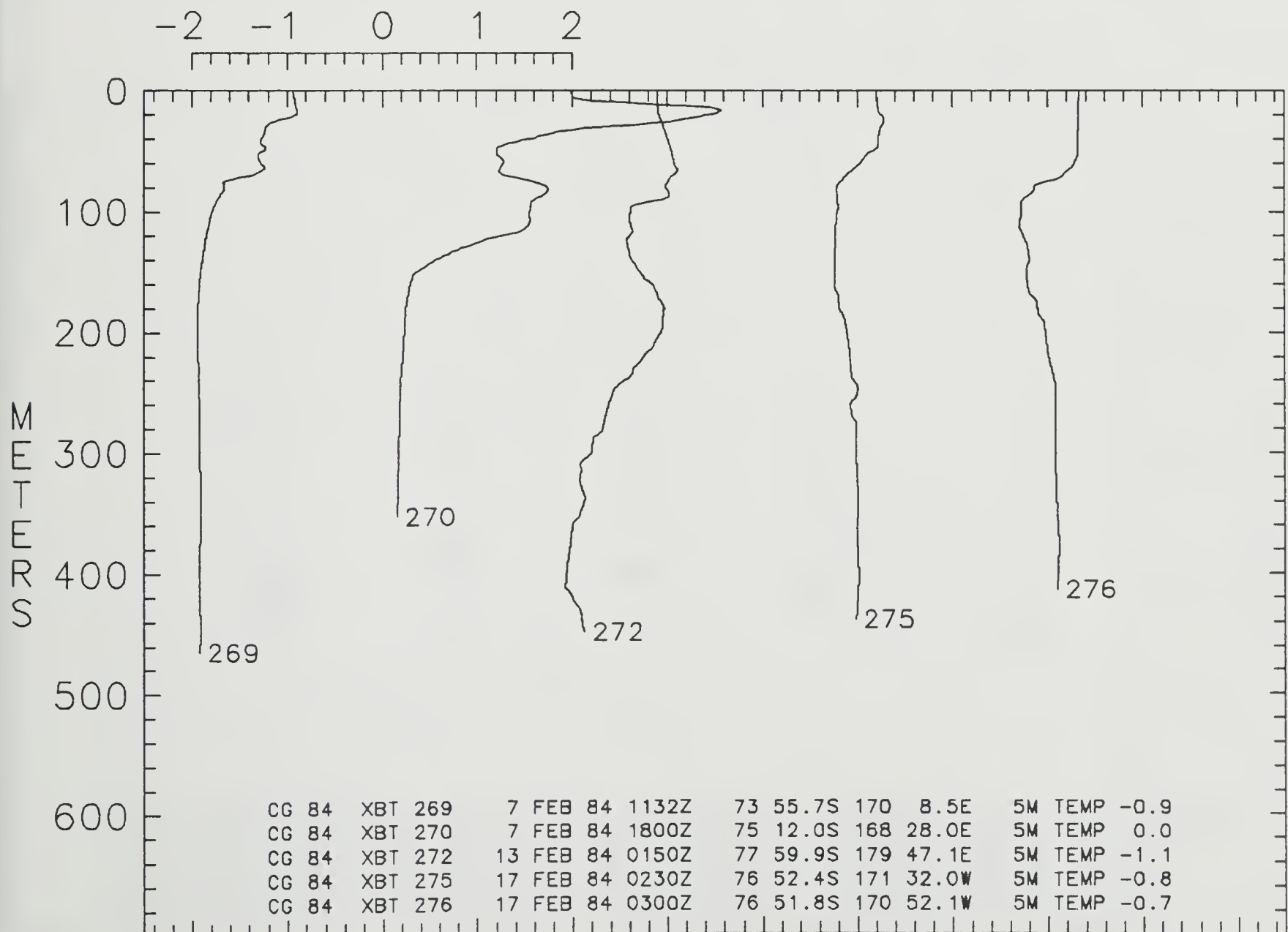
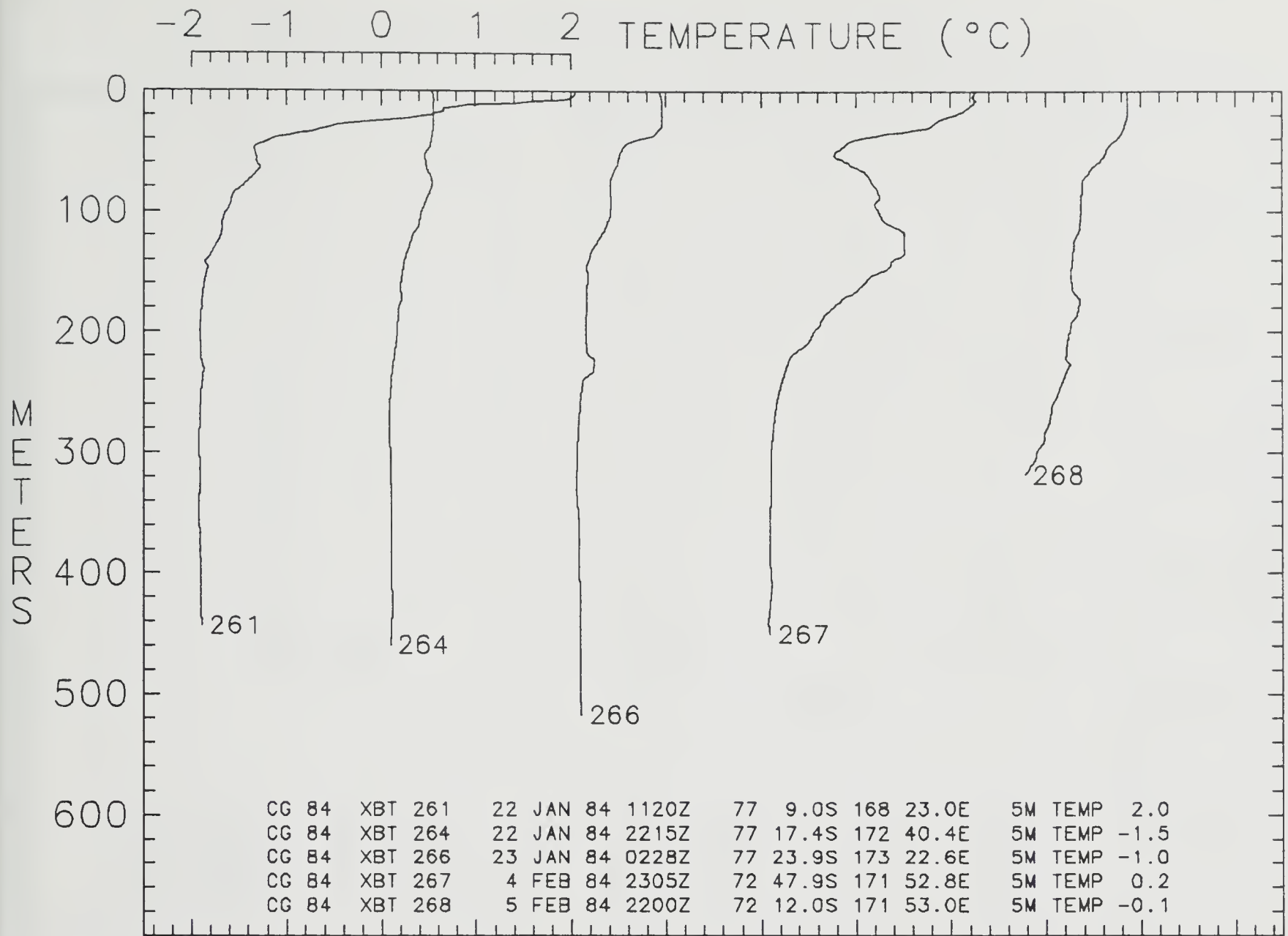


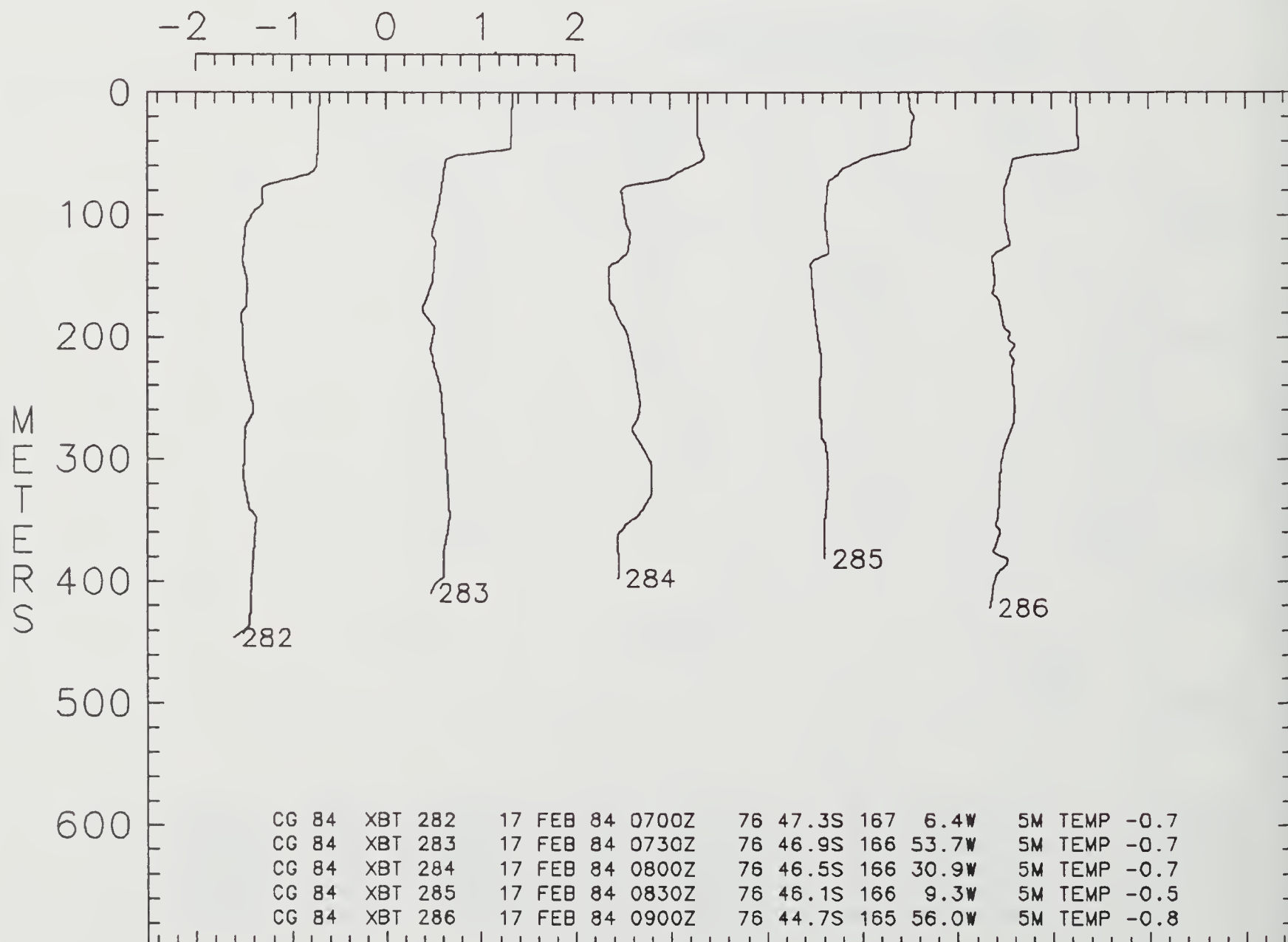
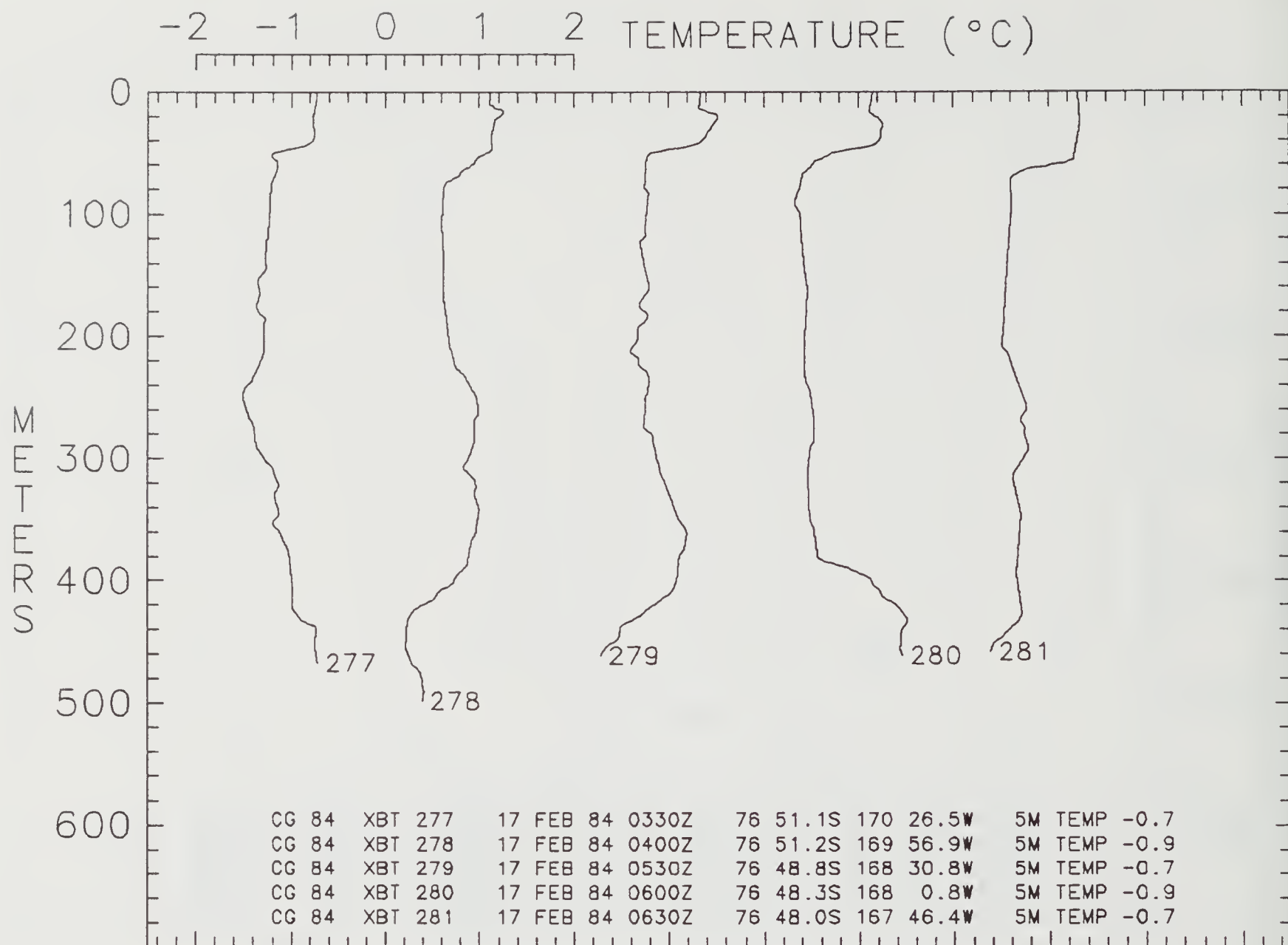


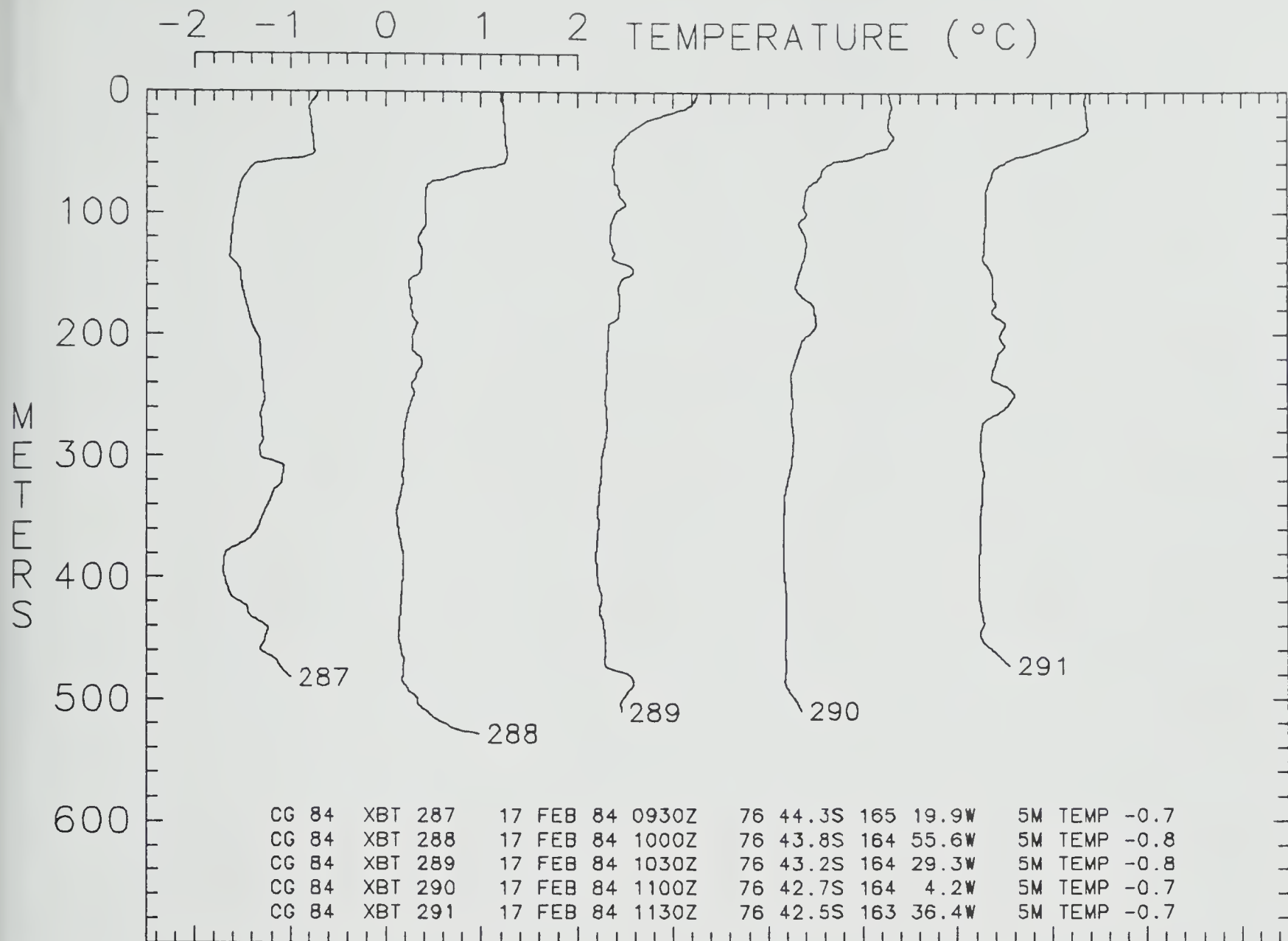


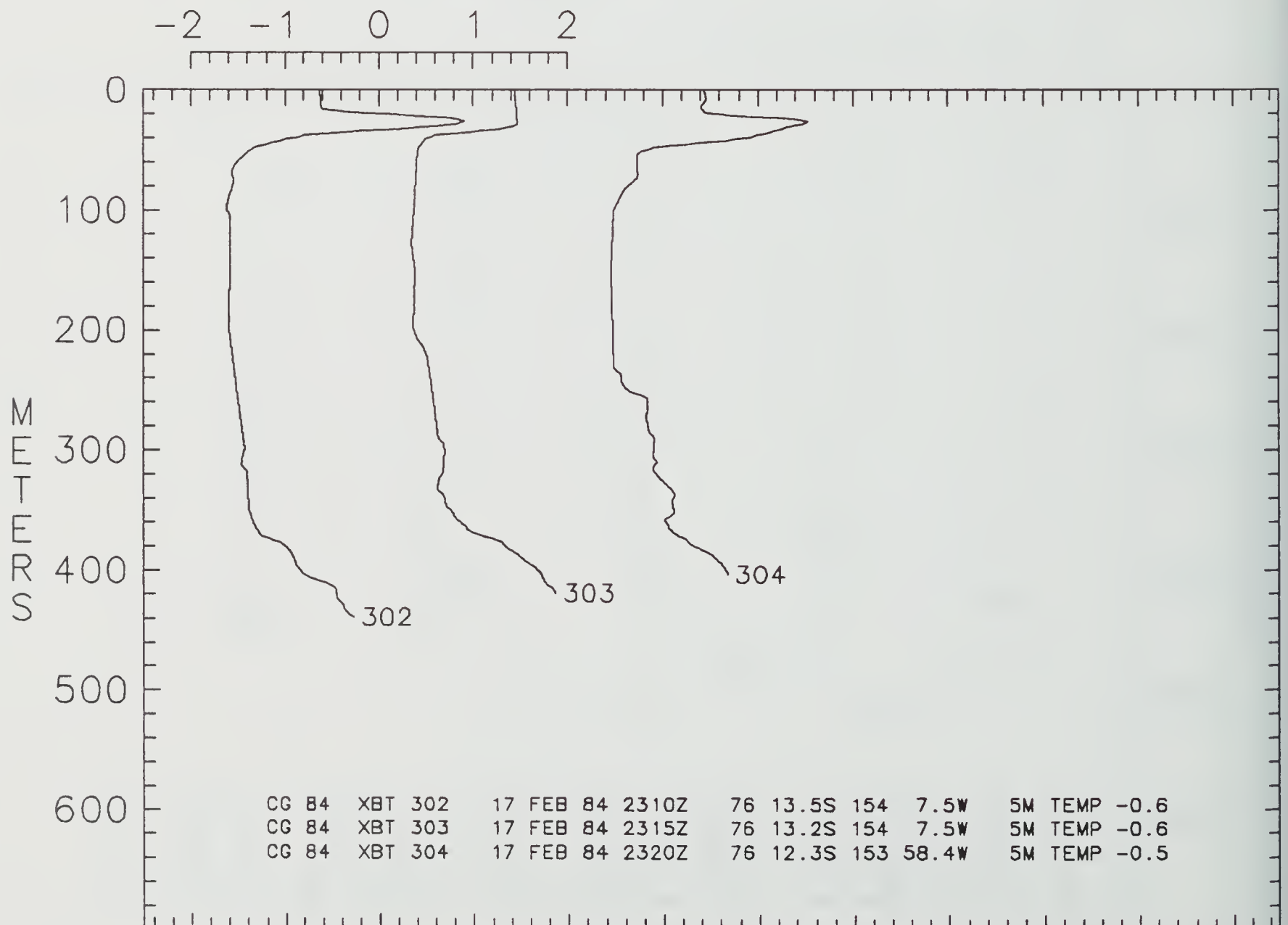
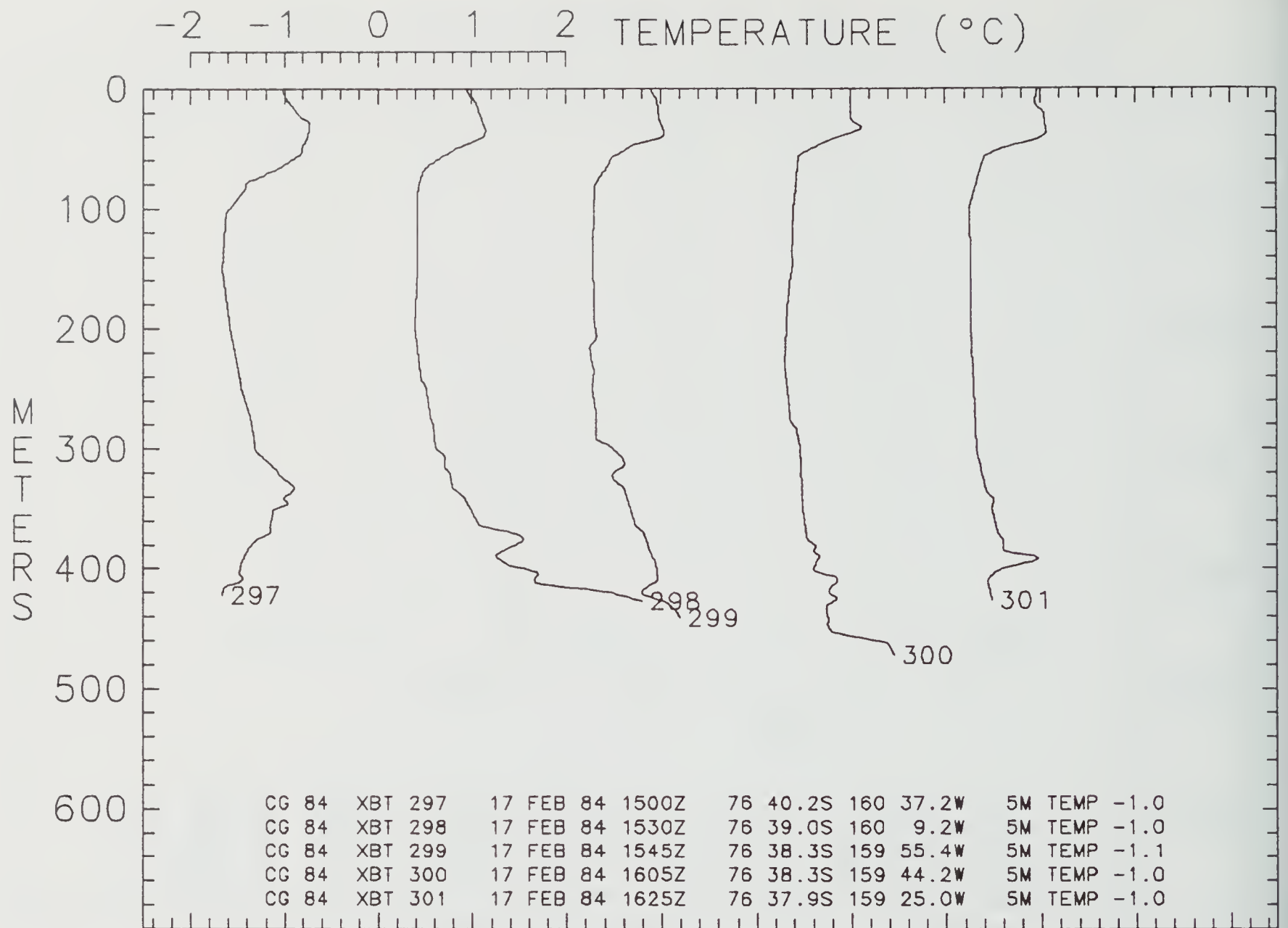




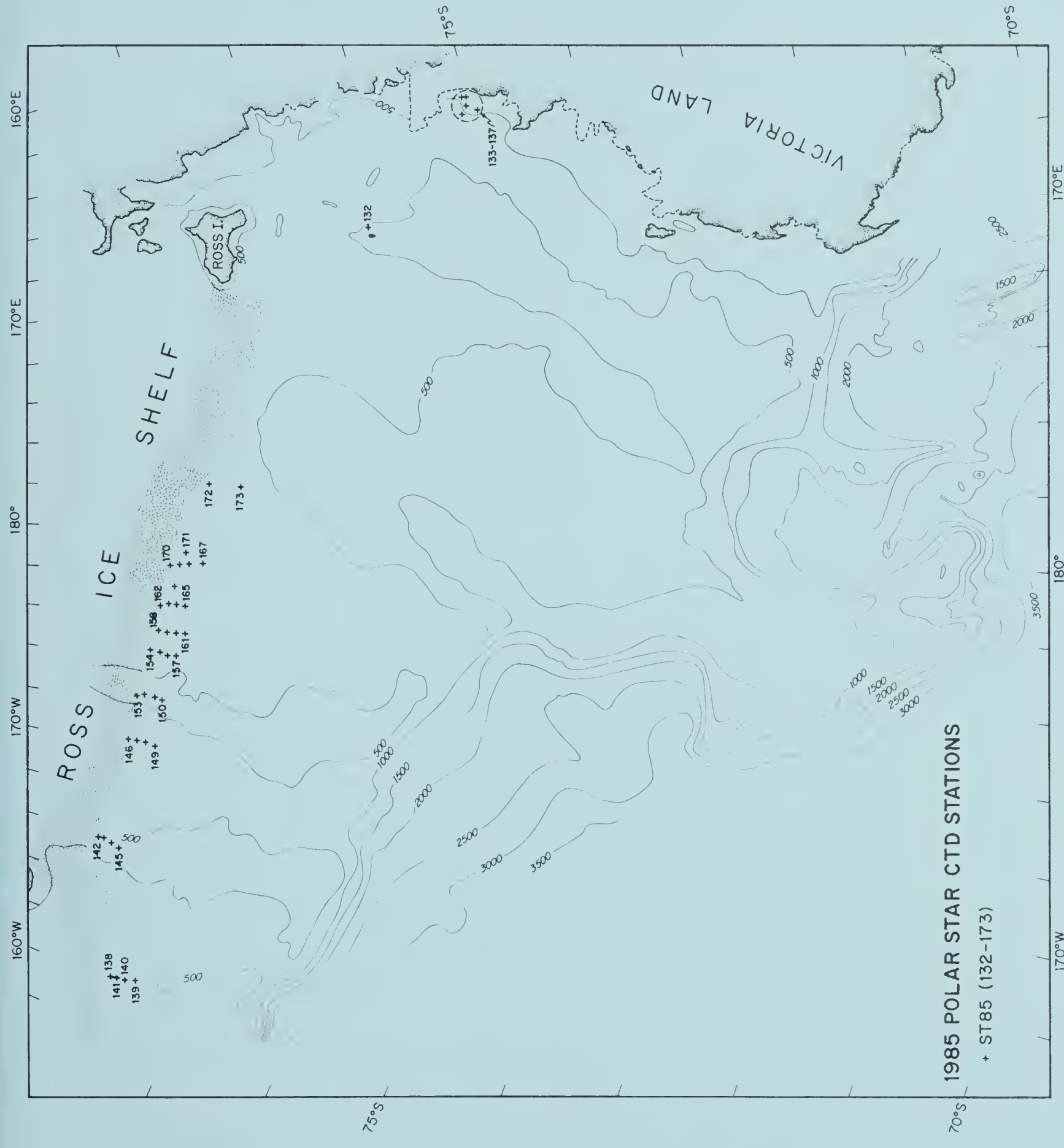








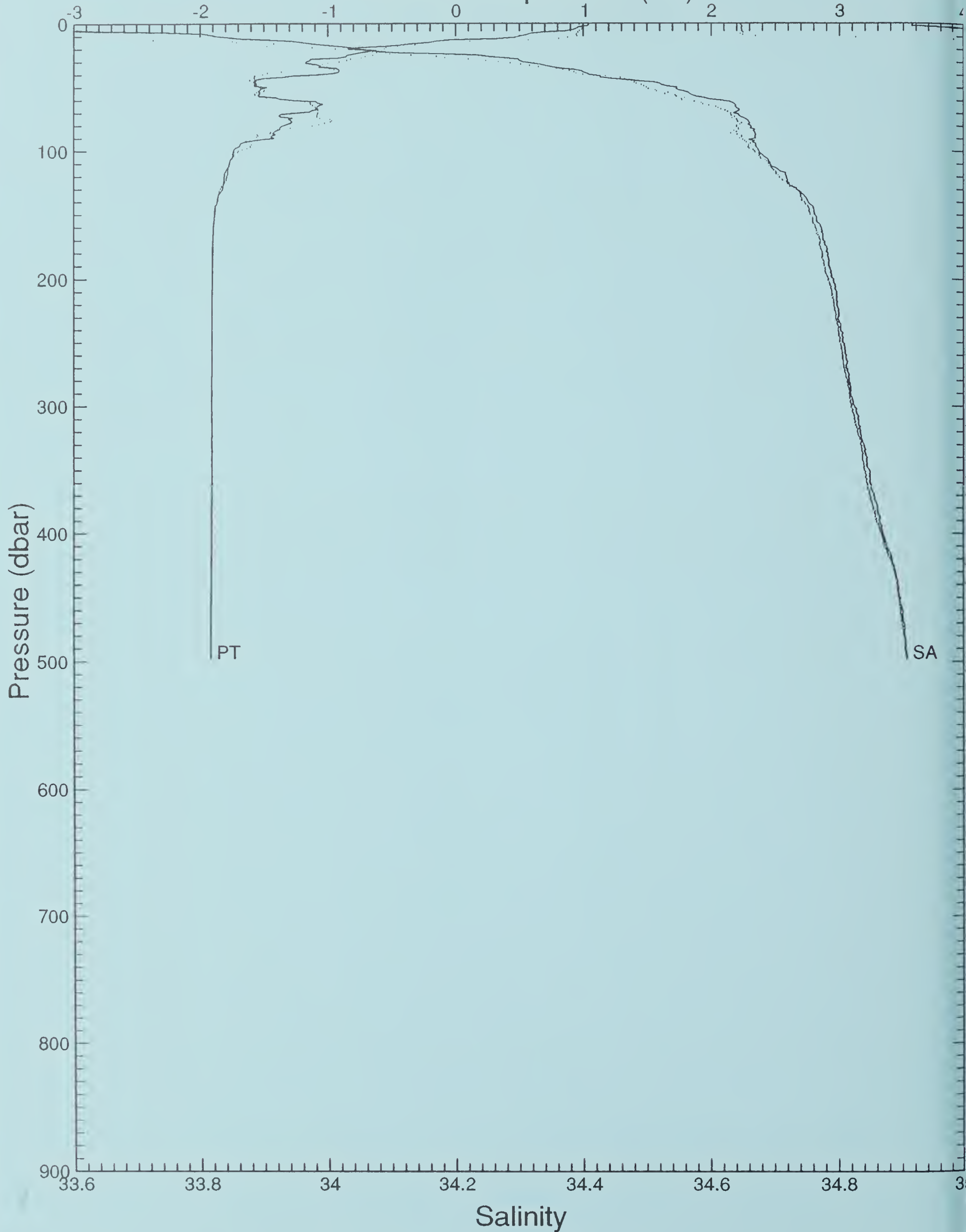
POLAR STAR 85 CTD STATIONS



ST_85 132

76 8 S
167 56 E

Potential Temperature (°C)



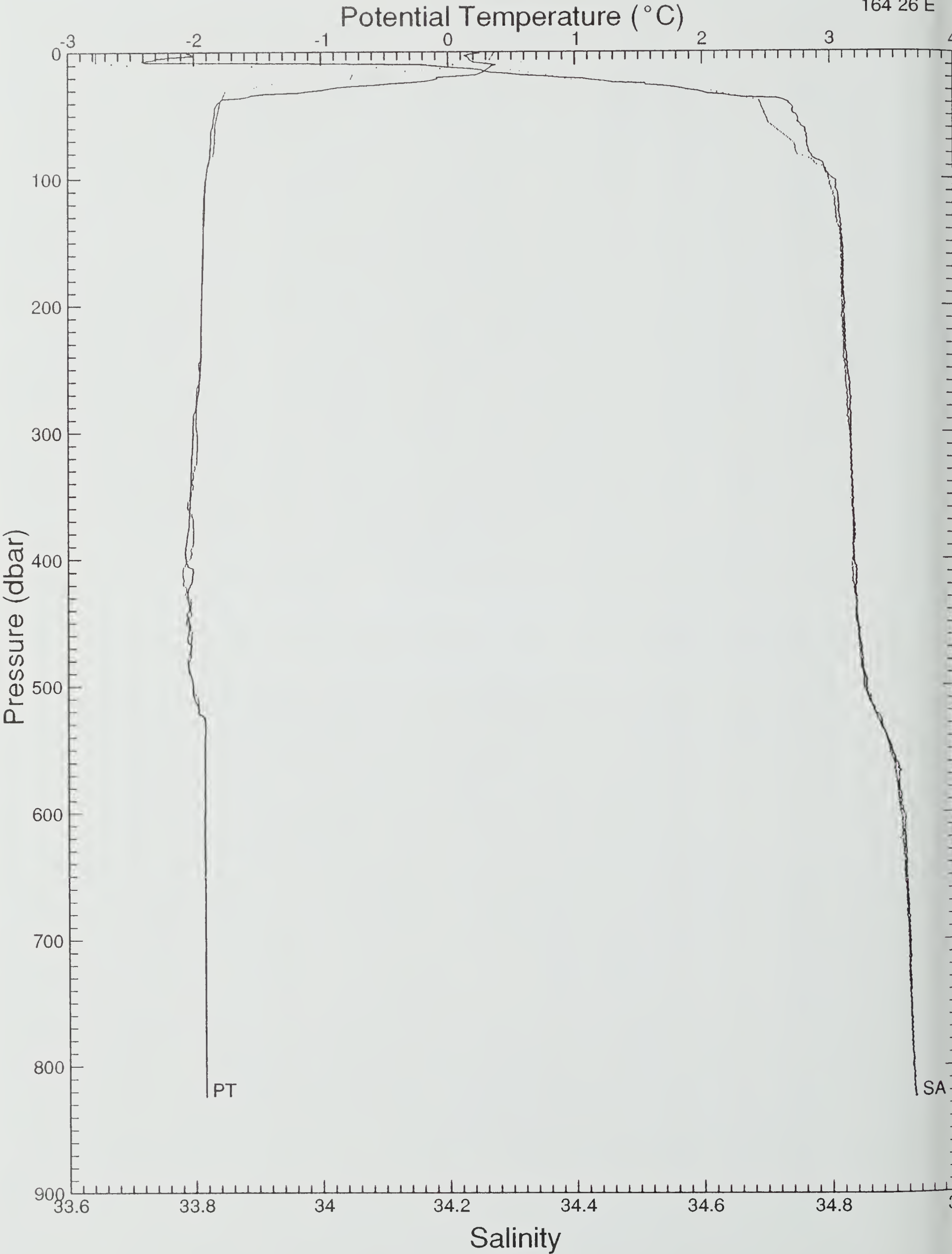
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.137	167.938	495	990.9	10	7.7	2.2		0925	28	JAN	1985	ST	85	1	132

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
132	1	0	1.043	1.043	2.88	2.88	33.515	26.849	29.207	31.539	36.124	119.1	0.000	1451.9	0
132	1	10	0.499	0.499	2.36	2.35	33.825	27.131	29.496	31.835	36.432	92.4	0.011	1450.0	9
132	1	20	-0.842	-0.843	1.04	1.03	34.046	27.374	29.759	32.116	36.752	69.2	0.019	1444.3	19
132	1	30	-1.170	-1.171	0.74	0.71	34.305	27.596	29.985	32.346	36.989	48.1	0.025	1443.2	29
132	1	40	-1.074	-1.075	0.84	0.81	34.410	27.678	30.065	32.424	37.063	40.4	0.029	1444.0	39
132	1	50	-1.476	-1.477	0.46	0.42	34.547	27.803	30.195	32.561	37.211	28.5	0.032	1442.4	49
132	1	60	-1.273	-1.274	0.67	0.63	34.615	27.852	30.240	32.602	37.245	23.9	0.035	1443.7	59
132	1	70	-1.251	-1.253	0.70	0.65	34.635	27.867	30.255	32.617	37.259	22.4	0.037	1444.0	69
132	1	80	-1.346	-1.348	0.62	0.56	34.662	27.892	30.282	32.645	37.290	19.9	0.039	1443.7	79
132	1	90	-1.416	-1.418	0.56	0.49	34.670	27.901	30.292	32.656	37.303	19.0	0.041	1443.5	89
132	1	100	-1.735	-1.737	0.24	0.17	34.675	27.915	30.311	32.679	37.337	17.6	0.043	1442.2	98
132	1	125	-1.813	-1.816	0.19	0.09	34.722	27.956	30.352	32.722	37.381	13.6	0.047	1442.3	123
132	1	150	-1.881	-1.884	0.14	0.03	34.762	27.990	30.388	32.758	37.419	10.2	0.050	1442.4	148
132	1	175	-1.896	-1.900	0.15	0.01	34.781	28.006	30.404	32.774	37.436	8.5	0.052	1442.8	173
132	1	200	-1.898	-1.902	0.16	0.01	34.792	28.015	30.413	32.783	37.445	7.5	0.054	1443.2	197
132	1	225	-1.900	-1.905	0.18	0.01	34.799	28.021	30.418	32.789	37.450	6.8	0.056	1443.6	222
132	1	250	-1.900	-1.905	0.20	0.01	34.806	28.026	30.424	32.795	37.456	6.2	0.058	1444.0	247
132	1	275	-1.900	-1.906	0.22	0.01	34.816	28.035	30.432	32.803	37.464	5.3	0.059	1444.4	271
132	1	300	-1.901	-1.908	0.24	0.01	34.825	28.042	30.440	32.810	37.471	4.4	0.061	1444.8	296
132	1	325	-1.900	-1.907	0.26	0.01	34.835	28.050	30.448	32.818	37.479	3.5	0.062	1445.3	321
132	1	350	-1.896	-1.904	0.28	0.02	34.848	28.060	30.458	32.829	37.489	2.4	0.062	1445.7	345
132	1	375	-1.898	-1.907	0.30	0.02	34.859	28.070	30.467	32.838	37.498	1.4	0.063	1446.1	370
132	1	400	-1.898	-1.907	0.32	0.02	34.869	28.078	30.475	32.846	37.506	0.5	0.063	1446.6	395
132	1	425	-1.901	-1.911	0.34	0.02	34.887	28.092	30.490	32.860	37.521	-1.0	0.063	1447.0	420
132	1	450	-1.903	-1.914	0.35	0.01	34.896	28.100	30.497	32.868	37.528	-1.8	0.063	1447.4	444
132	1	475	-1.905	-1.916	0.37	0.01	34.903	28.106	30.503	32.874	37.534	-2.5	0.062	1447.8	469
132	1	498	-1.904	-1.916	0.39	0.01	34.906	28.108	30.505	32.876	37.537	-2.8	0.061	1448.2	492

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
132		497	-1.904	-1.916	34.894	28.108											1	491

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-76.143	167.925	495	990.9	10	7.7	2.2		0955	28	JAN	1985	ST	85	2	132

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
132	2	0	0.967	0.967	2.79	2.79	33.246	26.637	28.998	31.332	35.921	139.2	0.000	1451.2	0
132	2	10	0.951	0.951	2.78	2.77	33.270	26.657	29.018	31.353	35.942	137.3	0.014	1451.3	9
132	2	20	-0.557	-0.558	1.32	1.31	34.012	27.335	29.715	32.069	36.696	73.0	0.024	1445.6	19
132	2	30	-0.910	-0.911	0.99	0.97	34.267	27.556	29.940	32.298	36.934	52.0	0.031	1444.4	29
132	2	40	-1.506	-1.507	0.41	0.38	34.400	27.685	30.078	32.444	37.097	39.7	0.035	1441.9	39
132	2	50	-1.528	-1.529	0.40	0.37	34.499	27.766	30.159	32.525	37.177	32.0	0.039	1442.1	49
132	2	60	-1.296	-1.297	0.65	0.60	34.555	27.804	30.193	32.555	37.200	28.4	0.042	1443.5	59
132	2	70	-1.077	-1.079	0.88	0.82	34.631	27.857	30.243	32.602	37.239	23.3	0.044	1444.8	69
132	2	80	-1.118	-1.120	0.84	0.78	34.640	27.866	30.252	32.612	37.250	22.4	0.047	1444.8	79
132	2	90	-1.606	-1.608	0.36	0.30	34.645	27.887	30.281	32.647	37.301	20.3	0.049	1442.6	89
132	2	100	-1.695	-1.697	0.28	0.21	34.668	27.908	30.303	32.671	37.327	18.2	0.051	1442.4	98
132	2	125	-1.806	-1.809	0.19	0.10	34.719	27.953	30.350	32.719	37.378	13.8	0.055	1442.3	123
132	2	150	-1.880	-1.883	0.14	0.03	34.755	27.984	30.382	32.753	37.413	10.7	0.058	1442.4	148
132	2	175	-1.894	-1.898	0.15	0.02	34.771	27.998	30.395	32.766	37.427	9.3	0.060	1442.8	173
132	2	200	-1.898	-1.902	0.16	0.01	34.784	28.008	30.406	32.777	37.438	8.1	0.063	1443.2	197
132	2	225	-1.899	-1.904	0.18	0.01	34.794	28.017	30.414	32.785	37.446	7.2	0.064	1443.6	222
132	2	250	-1.900	-1.905	0.20	0.01	34.801	28.022	30.420	32.791	37.452	6.6	0.066	1444.0	247
132	2	275	-1.900	-1.906	0.22	0.01	34.811	28.030	30.428	32.799	37.460	5.7	0.068	1444.4	271
132	2	300	-1.901	-1.908	0.24	0.01	34.820	28.038	30.436	32.806	37.467	4.8	0.069	1444.8	296
132	2	325	-1.900	-1.907	0.26	0.01	34.833	28.048	30.446	32.817	37.478	3.7	0.070	1445.3	321
132	2	350	-1.898	-1.906	0.28	0.02	34.840	28.054	30.452	32.822	37.483	3.0	0.071	1445.7	345
132	2	375	-1.898	-1.907	0.30	0.02	34.852	28.064	30.461	32.832	37.493	2.0	0.072	1446.1	370
132	2	400	-1.899	-1.908	0.32	0.02	34.867	28.076	30.474	32.844	37.505	0.7	0.072	1446.5	395
132	2	425	-1.901	-1.911	0.34	0.02	34.885	28.091	30.488	32.859	37.519	-0.8	0.072	1447.0	420
132	2	450	-1.902	-1.913	0.35	0.01	34.894	28.098	30.496	32.866	37.527	-1.7	0.072	1447.4	444
132	2	475	-1.903	-1.914	0.37	0.01	34.901	28.104	30.501	32.872	37.532	-2.3	0.071	1447.8	469
132	2	498	-1.904	-1.916	0.39	0.01	34.906	28.108	30.505	32.876	37.537	-2.8	0.070	1448.2	492



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-74.950	164.433	942	994.2	285	7.7	0.0		2009	28	JAN	1985	ST	85	1	133

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
133	1	0	0.249	0.249	2.10	2.10	33.790	27.117	29.486	31.828	36.433	93.7	0.000	1448.7	0
133	1	10	0.379	0.379	2.26	2.25	34.159	27.407	29.772	32.111	36.710	66.2	0.008	1449.9	9
133	1	20	-0.090	-0.091	1.81	1.80	34.374	27.606	29.977	32.322	36.932	47.4	0.014	1448.2	19
133	1	30	-0.993	-0.994	0.93	0.90	34.578	27.811	30.196	32.553	37.189	27.8	0.017	1444.4	29
133	1	40	-1.812	-1.813	0.13	0.10	34.736	27.967	30.363	32.733	37.392	13.0	0.020	1440.9	39
133	1	50	-1.838	-1.839	0.11	0.07	34.748	27.977	30.374	32.744	37.404	11.9	0.021	1441.0	49
133	1	60	-1.854	-1.855	0.10	0.05	34.758	27.986	30.383	32.753	37.413	11.1	0.022	1441.1	59
133	1	70	-1.865	-1.866	0.10	0.04	34.765	27.992	30.389	32.760	37.420	10.4	0.023	1441.2	69
133	1	80	-1.870	-1.872	0.10	0.04	34.768	27.995	30.392	32.762	37.423	10.1	0.024	1441.3	79
133	1	90	-1.891	-1.893	0.09	0.02	34.791	28.014	30.411	32.782	37.443	8.2	0.025	1441.4	89
133	1	100	-1.903	-1.905	0.08	0.01	34.803	28.024	30.422	32.792	37.454	7.2	0.026	1441.6	98
133	1	125	-1.921	-1.924	0.09	-0.01	34.814	28.033	30.431	32.802	37.464	6.2	0.027	1441.9	123
133	1	150	-1.922	-1.925	0.10	-0.01	34.819	28.037	30.435	32.806	37.468	5.7	0.029	1442.3	148
133	1	175	-1.929	-1.933	0.11	-0.02	34.821	28.039	30.437	32.809	37.470	5.4	0.030	1442.7	173
133	1	200	-1.934	-1.938	0.13	-0.02	34.823	28.041	30.439	32.810	37.472	5.0	0.032	1443.1	197
133	1	225	-1.939	-1.944	0.14	-0.03	34.824	28.042	30.440	32.812	37.474	4.8	0.033	1443.4	222
133	1	250	-1.954	-1.959	0.15	-0.04	34.827	28.045	30.443	32.815	37.477	4.4	0.034	1443.8	247
133	1	275	-1.971	-1.977	0.15	-0.06	34.832	28.049	30.448	32.820	37.483	3.8	0.035	1444.1	271
133	1	300	-2.001	-2.007	0.14	-0.09	34.831	28.049	30.449	32.821	37.485	3.6	0.036	1444.4	296
133	1	325	-2.014	-2.021	0.14	-0.10	34.833	28.051	30.451	32.823	37.488	3.3	0.037	1444.7	321
133	1	350	-2.024	-2.031	0.15	-0.11	34.834	28.052	30.452	32.825	37.489	3.0	0.038	1445.1	345
133	1	375	-2.035	-2.043	0.16	-0.12	34.835	28.054	30.453	32.826	37.491	2.8	0.038	1445.4	370
133	1	400	-2.056	-2.065	0.16	-0.14	34.837	28.056	30.456	32.829	37.495	2.4	0.039	1445.7	395
133	1	425	-2.041	-2.050	0.19	-0.13	34.839	28.057	30.457	32.830	37.495	2.2	0.040	1446.2	420
133	1	450	-2.029	-2.039	0.22	-0.12	34.843	28.060	30.460	32.832	37.497	1.8	0.040	1446.7	444
133	1	475	-2.017	-2.028	0.25	-0.10	34.849	28.065	30.464	32.837	37.501	1.2	0.040	1447.2	469
133	1	500	-2.000	-2.012	0.29	-0.09	34.856	28.070	30.469	32.841	37.505	0.6	0.041	1447.7	494
133	1	550	-1.904	-1.917	0.43	0.01	34.895	28.099	30.497	32.867	37.528	-2.3	0.040	1449.0	543
133	1	600	-1.905	-1.920	0.46	0.01	34.914	28.115	30.512	32.883	37.543	-4.0	0.039	1449.9	592
133	1	650	-1.903	-1.920	0.50	0.02	34.917	28.117	30.515	32.885	37.546	-4.5	0.036	1450.7	642
133	1	700	-1.901	-1.919	0.54	0.02	34.921	28.120	30.518	32.888	37.549	-5.0	0.034	1451.5	691
133	1	750	-1.900	-1.920	0.58	0.02	34.923	28.122	30.519	32.890	37.550	-5.5	0.031	1452.4	740
133	1	800	-1.898	-1.920	0.62	0.02	34.926	28.124	30.522	32.892	37.553	-5.9	0.029	1453.2	789
133	1	824	-1.898	-1.920	0.64	0.02	34.932	28.129	30.527	32.897	37.558	-6.5	0.027	1453.6	813

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
133	1	0	0.370	0.370	33.645	26.993		10.0		29.5							13	0
133	1	10	0.040	0.040	33.695	27.051		11.0		30.0							14	10
133		48	-1.810	-1.811	34.712	27.936	6.66	30.0		77.0							2	47
133		73	-1.836	-1.837	34.748	27.975	6.59	31.0		77.5							1	72
133		97	-1.898	-1.900	34.800	28.017	6.75	31.0		78.5							11	96
133		173	-1.932	-1.936	34.825	28.037	6.61	31.0		78.0							9	171
133		223	-1.938	-1.943	34.826	28.040	6.64	30.0		77.0							8	220

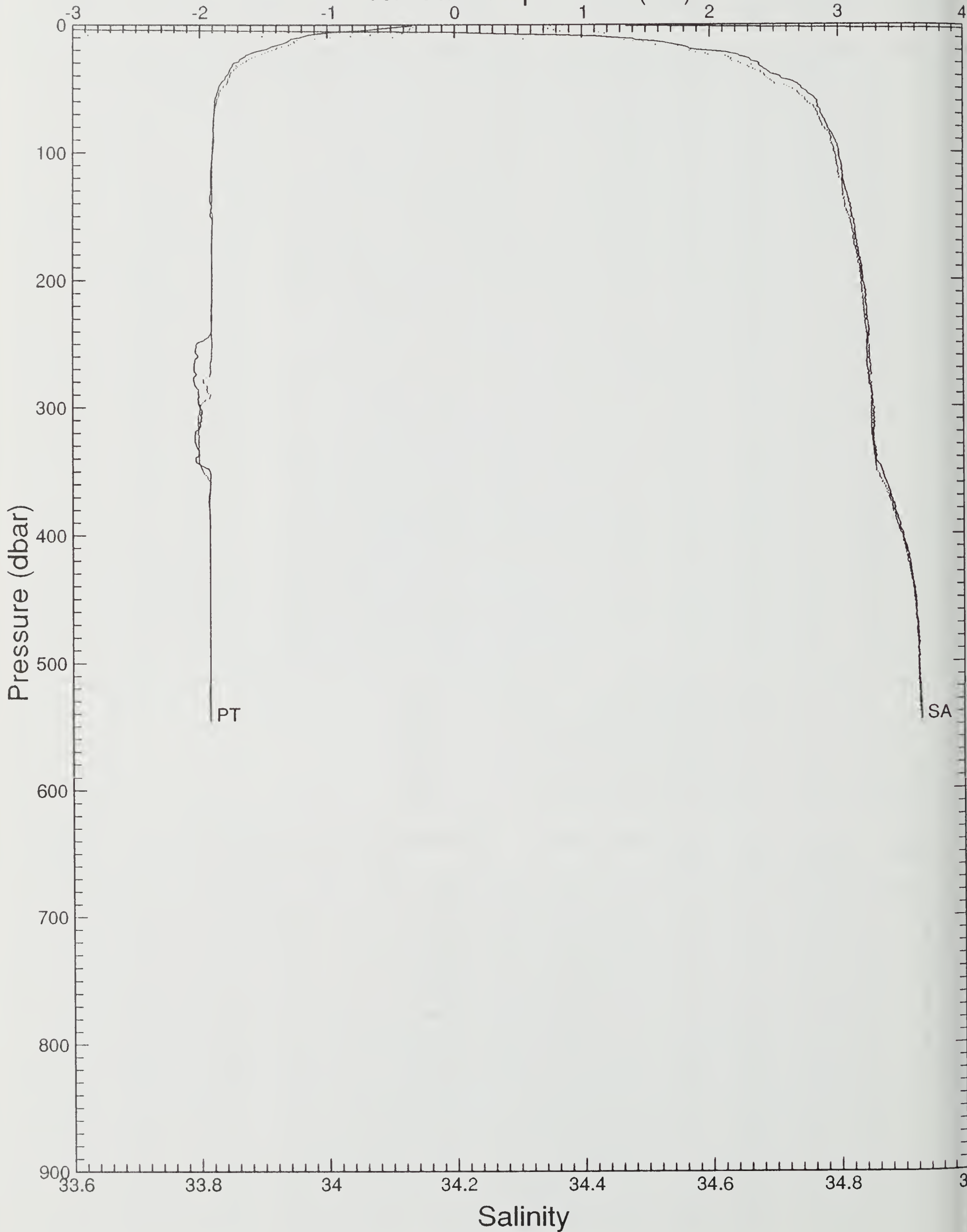
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-74.958	164.433	942	994.7	285	7.7	0.0		2102	28	JAN	1985	ST	85	2	133

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
133	2	0	0.370	0.370	2.21	2.21	33.645	26.993	29.361	31.702	36.305	105.4	0.000	1449.0	0
133	2	10	0.040	0.040	1.90	1.89	33.695	27.051	29.423	31.769	36.381	100.0	0.010	1447.7	9
133	2	20	-0.760	-0.761	1.14	1.13	34.375	27.637	30.019	32.374	37.004	44.3	0.018	1445.1	19
133	2	30	-1.560	-1.561	0.36	0.34	34.575	27.829	30.222	32.588	37.241	26.1	0.021	1441.8	29
133	2	40	-1.792	-1.793	0.14	0.11	34.691	27.930	30.326	32.696	37.354	16.5	0.023	1441.0	39
133	2	50	-1.814	-1.815	0.13	0.09	34.699	27.937	30.334	32.703	37.363	15.8	0.025	1441.0	49
133	2	60	-1.831	-1.832	0.12	0.08	34.713	27.949	30.346	32.716	37.375	14.6	0.026	1441.1	59
133	2	70	-1.835	-1.836	0.13	0.07	34.738	27.969	30.366	32.736	37.396	12.6	0.028	1441.3	69
133	2	80	-1.842	-1.844	0.13	0.07	34.748	27.977	30.375	32.745	37.404	11.7	0.029	1441.5	79
133	2	90	-1.884	-1.886	0.09	0.03	34.780	28.005	30.402	32.773	37.434	9.1	0.030	1441.5	89
133	2	100	-1.901	-1.903	0.09	0.01	34.798	28.020	30.418	32.788	37.449	7.6	0.031	1441.6	98
133	2	125	-1.910	-1.913	0.10	0.00	34.810	28.030	30.428	32.799	37.460	6.5	0.033	1441.9	123
133	2	150	-1.925	-1.928	0.10	-0.01	34.818	28.037	30.435	32.806	37.468	5.7	0.034	1442.3	148
133	2	175	-1.932	-1.936	0.11	-0.02	34.819	28.038	30.436	32.807	37.469	5.5	0.035	1442.7	173
133	2	200	-1.937	-1.941	0.13	-0.03	34.819	28.038	30.436	32.807	37.470	5.3	0.037	1443.0	197
133	2	225	-1.938	-1.943	0.14	-0.03	34.820	28.039	30.437	32.808	37.470	5.1	0.038	1443.4	222
133	2	250	-1.944	-1.949	0.16	-0.03	34.823	28.041	30.440	32.811	37.473	4.7	0.039	1443.8	247
133	2	275	-1.976	-1.982	0.14	-0.06	34.827	28.045	30.444	32.816	37.479	4.2	0.041	1444.1	271
133	2	300	-1.970	-1.976	0.17	-0.06	34.831	28.049	30.447	32.819	37.482	3.7	0.041	1444.5	296

ST_85 134

75 2 S
163 54 E

Potential Temperature (°C)



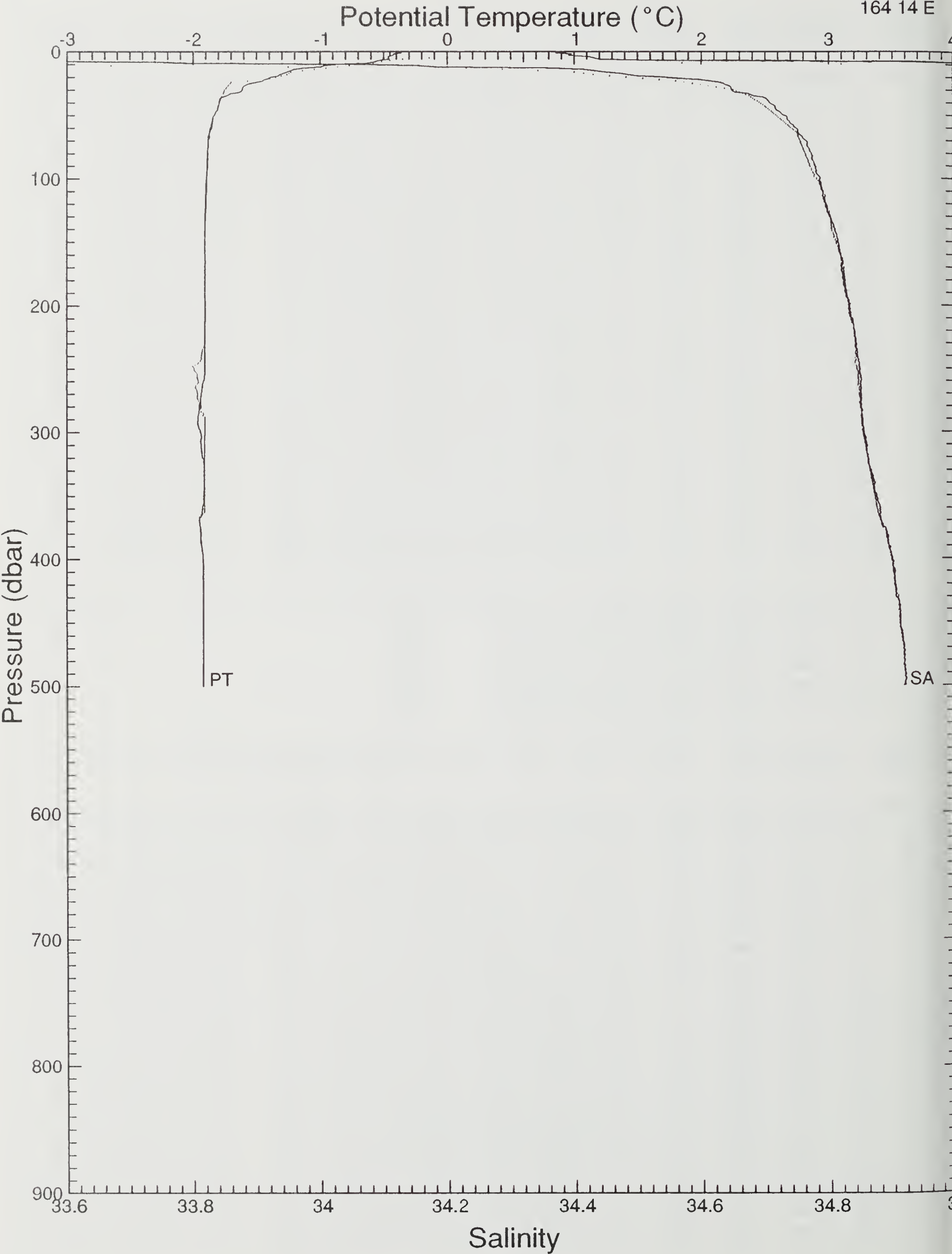
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.025	163.900	#550	997.0	140	2.6	4.4		0400	29	JAN	1985	ST	85	1	134

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
134	1	0	-0.337	-0.337	1.48	1.48	33.070	26.564	28.945	31.299	35.927	146.2	0.000	1445.0	0
134	1	10	-1.217	-1.217	0.68	0.67	34.447	27.713	30.102	32.463	37.107	37.2	0.009	1442.9	9
134	1	20	-1.517	-1.517	0.40	0.38	34.580	27.831	30.224	32.590	37.241	25.9	0.012	1441.8	19
134	1	30	-1.729	-1.730	0.20	0.17	34.675	27.915	30.310	32.679	37.336	18.0	0.015	1441.1	29
134	1	40	-1.789	-1.790	0.15	0.12	34.704	27.940	30.337	32.706	37.364	15.5	0.016	1441.0	39
134	1	50	-1.851	-1.852	0.09	0.06	34.743	27.974	30.371	32.741	37.401	12.3	0.018	1440.9	49
134	1	60	-1.880	-1.881	0.07	0.03	34.768	27.995	30.392	32.763	37.424	10.2	0.019	1441.0	59
134	1	70	-1.886	-1.887	0.08	0.02	34.773	27.999	30.397	32.767	37.428	9.8	0.020	1441.1	69
134	1	80	-1.891	-1.893	0.08	0.02	34.784	28.008	30.406	32.776	37.437	8.8	0.021	1441.3	79
134	1	90	-1.887	-1.889	0.09	0.02	34.795	28.017	30.414	32.785	37.446	8.0	0.022	1441.5	89
134	1	100	-1.896	-1.898	0.09	0.02	34.801	28.022	30.420	32.790	37.451	7.4	0.022	1441.6	98
134	1	125	-1.908	-1.911	0.10	0.00	34.810	28.030	30.428	32.798	37.460	6.5	0.024	1441.9	123
134	1	150	-1.913	-1.916	0.11	0.00	34.822	28.040	30.438	32.808	37.470	5.5	0.026	1442.3	148
134	1	175	-1.899	-1.903	0.15	0.01	34.829	28.045	30.443	32.813	37.474	4.8	0.027	1442.8	173
134	1	200	-1.898	-1.902	0.17	0.02	34.839	28.053	30.451	32.821	37.482	3.9	0.028	1443.3	197
134	1	225	-1.899	-1.904	0.18	0.01	34.844	28.057	30.455	32.825	37.486	3.4	0.029	1443.7	222
134	1	250	-2.017	-2.022	0.09	-0.10	34.844	28.060	30.460	32.832	37.497	2.9	0.030	1443.5	247
134	1	275	-2.022	-2.028	0.10	-0.11	34.846	28.062	30.462	32.834	37.499	2.6	0.030	1443.9	271
134	1	300	-1.990	-1.996	0.15	-0.08	34.853	28.067	30.466	32.838	37.501	2.0	0.031	1444.5	296
134	1	325	-2.028	-2.035	0.13	-0.11	34.854	28.069	30.468	32.841	37.506	1.6	0.031	1444.7	321
134	1	350	-1.908	-1.916	0.27	0.01	34.868	28.077	30.475	32.845	37.506	0.8	0.032	1445.7	345
134	1	375	-1.914	-1.923	0.28	0.00	34.884	28.090	30.488	32.859	37.520	-0.5	0.032	1446.1	370
134	1	400	-1.908	-1.917	0.31	0.01	34.901	28.104	30.501	32.872	37.533	-1.9	0.031	1446.5	395
134	1	425	-1.908	-1.918	0.33	0.01	34.912	28.113	30.510	32.881	37.541	-2.9	0.031	1447.0	420
134	1	450	-1.908	-1.919	0.35	0.01	34.920	28.119	30.517	32.887	37.548	-3.7	0.030	1447.4	444
134	1	475	-1.907	-1.918	0.37	0.01	34.923	28.122	30.519	32.890	37.550	-4.0	0.029	1447.8	469
134	1	500	-1.907	-1.919	0.39	0.01	34.925	28.124	30.521	32.891	37.552	-4.3	0.028	1448.2	494
134	1	546	-1.905	-1.918	0.42	0.01	34.928	28.126	30.523	32.894	37.554	-4.8	0.026	1449.0	539

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
134	1	0	-0.303	-0.303	32.951	26.466		8.5		40.0							13	0
134	1	27	-1.612	-1.613	34.634	27.878	7.18	29.5		80.0							11	27
134		57	-1.854	-1.855	34.752	27.975	6.42	29.5		80.0							10	57
134	2	87	-1.888	-1.890	34.775	28.011	7.92	29.5		78.5							8	86
134		116	-1.899	-1.901	34.801	28.021	6.57	29.0		78.5							6	115
134	3	278	-1.964	-1.970	34.848	28.063	6.65	29.0		78.5							4	275
134		333	-1.997	-2.004	34.854	28.069	6.69	28.0		78.0							1	329

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.025	163.900	#550	997.0	140	2.6	4.4		0430	29	JAN	1985	ST	85	2	134

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
134	2	0	-0.303	-0.303	1.50	1.50	32.951	26.466	28.847	31.201	35.830	155.4	0.000	1445.0	0
134	2	10	-0.975	-0.975	0.90	0.90	34.103	27.425	29.812	32.171	36.810	64.4	0.011	1443.6	9
134	2	20	-1.431	-1.431	0.48	0.47	34.571	27.821	30.212	32.577	37.225	26.9	0.016	1442.2	19
134	2	30	-1.656	-1.657	0.27	0.25	34.645	27.888	30.283	32.650	37.305	20.5	0.018	1441.4	29
134	2	40	-1.762	-1.763	0.17	0.14	34.686	27.925	30.321	32.690	37.348	17.0	0.020	1441.1	39
134	2	50	-1.823	-1.824	0.12	0.08	34.725	27.958	30.355	32.725	37.384	13.7	0.021	1441.0	49
134	2	60	-1.864	-1.865	0.09	0.04	34.750	27.980	30.377	32.747	37.408	11.6	0.023	1441.0	59
134	2	70	-1.885	-1.886	0.08	0.02	34.769	27.996	30.393	32.764	37.425	10.1	0.024	1441.1	69
134	2	80	-1.889	-1.891	0.08	0.02	34.776	28.002	30.399	32.770	37.431	9.5	0.025	1441.3	79
134	2	90	-1.896	-1.898	0.08	0.01	34.790	28.013	30.411	32.782	37.443	8.3	0.026	1441.4	89
134	2	100	-1.895	-1.897	0.09	0.02	34.794	28.016	30.414	32.785	37.446	8.0	0.026	1441.6	98
134	2	125	-1.900	-1.903	0.10	0.01	34.807	28.027	30.425	32.796	37.457	6.8	0.028	1442.0	123
134	2	150	-1.893	-1.896	0.13	0.02	34.817	28.035	30.433	32.803	37.464	5.9	0.030	1442.4	148
134	2	175	-1.899	-1.903	0.15	0.01	34.827	28.043	30.441	32.812	37.472	5.0	0.031	1442.8	173
134	2	200	-1.898	-1.902	0.17	0.02	34.836	28.051	30.448	32.819	37.480	4.2	0.032	1443.2	197
134	2	225	-1.903	-1.908	0.18	0.01	34.840	28.054	30.452	32.822	37.483	3.7	0.033	1443.6	222
134	2	250	-1.898	-1.903	0.20	0.02	34.847	28.060	30.457	32.828	37.488	3.0	0.034	1444.1	247
134	2	275	-1.912	-1.918	0.21	0.00	34.852	28.064	30.462	32.833	37.494	2.5	0.035	1444.4	271
134	2	300	-1.988	-1.994	0.15	-0.07	34.852	28.066	30.465	32.837	37.501	2.1	0.035	1444.5	296
134	2	325	-1.998	-2.005	0.16	-0.08	34.853	28.067	30.466	32.838	37.502	1.8	0.036	1444.8	321
134	2	350	-1.963	-1.971	0.21	-0.05	34.859	28.071	30.470	32.841	37.504	1.3	0.036	1445.4	345
134	2	375	-1.917	-1.926	0.28	0.00	34.881	28.088	30.486	32.856	37.517	-0.3	0.036	1446.1	370
134	2	400	-1.908	-1.917	0.31	0.01	34.898	28.102	30.499	32.870	37.530	-1.7	0.036	1446.5	395
134	2	425	-1.908	-1.918	0.33	0.01	34.910	28.111	30.509	32.879	37.540	-2.8	0.036	1447.0	420
134	2	450	-1.907	-1.918	0.35	0.01	34.917	28.117	30.514	32.885	37.545	-3.4	0.035	1447.4	444



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.042	164.233	#510	998.0	55	2.6	1.7		0826	29	JAN	1985	ST	85	1	135

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
135	1	0	-0.363	-0.363	1.44	1.44	32.972	26.486	28.867	31.222	35.853	153.6	0.000	1444.7	0
135	1	10	-0.883	-0.883	0.99	0.99	34.058	27.385	29.770	32.129	36.765	68.2	0.011	1443.9	9
135	1	20	-1.389	-1.389	0.52	0.51	34.539	27.794	30.185	32.548	37.196	29.5	0.016	1442.4	19
135	1	30	-1.612	-1.613	0.31	0.29	34.648	27.889	30.283	32.650	37.304	20.4	0.019	1441.6	29
135	1	40	-1.791	-1.792	0.15	0.11	34.707	27.943	30.339	32.708	37.367	15.3	0.020	1441.0	39
135	1	50	-1.831	-1.832	0.11	0.08	34.729	27.962	30.359	32.729	37.388	13.4	0.022	1441.0	49
135	1	60	-1.864	-1.865	0.09	0.04	34.748	27.978	30.375	32.746	37.406	11.8	0.023	1441.0	59
135	1	70	-1.878	-1.879	0.08	0.03	34.764	27.991	30.389	32.760	37.420	10.5	0.024	1441.1	69
135	1	80	-1.884	-1.886	0.09	0.03	34.773	27.999	30.397	32.767	37.428	9.7	0.025	1441.3	79
135	1	90	-1.886	-1.888	0.09	0.02	34.778	28.003	30.401	32.771	37.432	9.3	0.026	1441.4	89
135	1	100	-1.889	-1.891	0.10	0.02	34.787	28.011	30.408	32.779	37.440	8.5	0.027	1441.6	98
135	1	125	-1.896	-1.899	0.11	0.02	34.798	28.020	30.417	32.788	37.449	7.5	0.029	1442.0	123
135	1	150	-1.903	-1.906	0.12	0.01	34.814	28.033	30.431	32.801	37.462	6.1	0.031	1442.4	148
135	1	175	-1.900	-1.904	0.14	0.01	34.822	28.039	30.437	32.808	37.469	5.4	0.032	1442.8	173
135	1	200	-1.899	-1.903	0.16	0.01	34.831	28.047	30.444	32.815	37.476	4.5	0.033	1443.2	197
135	1	225	-1.899	-1.904	0.18	0.01	34.841	28.055	30.452	32.823	37.484	3.6	0.034	1443.7	222
135	1	250	-1.900	-1.905	0.20	0.01	34.848	28.061	30.458	32.829	37.489	3.0	0.035	1444.1	247
135	1	275	-1.934	-1.940	0.19	-0.02	34.850	28.063	30.461	32.832	37.494	2.6	0.036	1444.3	271
135	1	300	-1.932	-1.939	0.21	-0.02	34.855	28.067	30.465	32.836	37.498	2.0	0.036	1444.7	296
135	1	325	-1.906	-1.913	0.25	0.01	34.861	28.071	30.469	32.840	37.500	1.5	0.037	1445.3	321
135	1	350	-1.907	-1.915	0.27	0.01	34.874	28.082	30.480	32.850	37.511	0.4	0.037	1445.7	345
135	1	375	-1.932	-1.940	0.27	-0.02	34.885	28.092	30.490	32.860	37.522	-0.7	0.037	1446.0	370
135	1	400	-1.911	-1.920	0.31	0.01	34.899	28.102	30.500	32.871	37.531	-1.8	0.037	1446.5	395
135	1	425	-1.908	-1.918	0.33	0.01	34.905	28.107	30.505	32.875	37.536	-2.4	0.036	1447.0	420
135	1	450	-1.908	-1.919	0.35	0.01	34.911	28.112	30.510	32.880	37.541	-3.0	0.036	1447.4	444
135	1	475	-1.908	-1.919	0.37	0.01	34.917	28.117	30.515	32.885	37.546	-3.6	0.035	1447.8	469
135	1	500	-1.907	-1.919	0.39	0.01	34.916	28.116	30.514	32.884	37.545	-3.6	0.034	1448.2	494

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
135	1	0	-0.450	-0.450	32.920	26.447		7.5		46.5							13	0
135		31	-1.753	-1.754	34.664	27.899	6.48	28.0		79.0							11	31
135		89	-1.880	-1.882	34.754	27.996	6.34	29.0		79.5							8	88
135		118	-1.899	-1.901	34.796	28.017	6.55	28.5		79.0							6	116
135	2	304	-1.900	-1.907	34.856	28.065	7.18	29.0		79.0							4	301
135		365	-1.935	-1.943	34.879	28.085	6.71	28.0		78.5							1	361

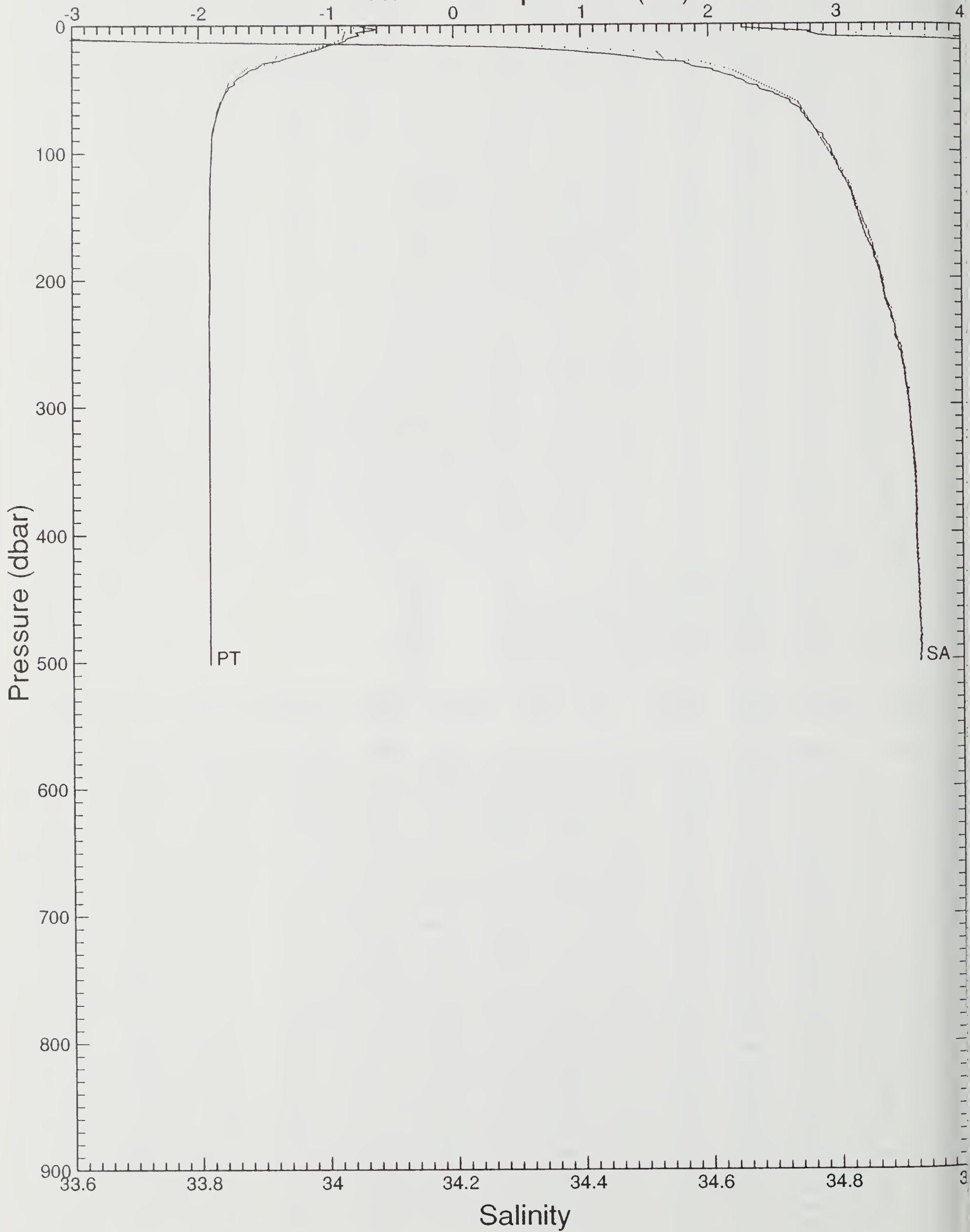
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.042	164.233	#510	998.0	55	2.6	1.7		0905	29	JAN	1985	ST	85	2	135

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
135	2	0	-0.450	-0.450	1.35	1.35	32.920	26.447	28.831	31.187	35.820	157.2	0.000	1444.3	0
135	2	10	-0.650	-0.650	1.19	1.18	33.420	26.860	29.244	31.601	36.236	118.0	0.014	1444.2	9
135	2	20	-1.350	-1.350	0.56	0.54	34.482	27.746	30.137	32.500	37.147	34.0	0.021	1442.5	19
135	2	30	-1.750	-1.751	0.18	0.15	34.650	27.895	30.291	32.660	37.318	19.8	0.024	1440.9	29
135	2	40	-1.794	-1.795	0.14	0.11	34.691	27.930	30.326	32.696	37.355	16.5	0.026	1441.0	39
135	2	50	-1.834	-1.835	0.11	0.07	34.717	27.952	30.349	32.719	37.379	14.3	0.027	1441.0	49
135	2	60	-1.850	-1.851	0.10	0.06	34.740	27.971	30.368	32.739	37.399	12.5	0.029	1441.1	59
135	2	70	-1.880	-1.881	0.08	0.03	34.755	27.984	30.382	32.752	37.413	11.2	0.030	1441.1	69
135	2	80	-1.880	-1.882	0.09	0.03	34.763	27.991	30.388	32.759	37.420	10.5	0.031	1441.3	79
135	2	90	-1.881	-1.883	0.10	0.03	34.770	27.996	30.394	32.765	37.425	9.9	0.032	1441.5	89
135	2	100	-1.892	-1.894	0.09	0.02	34.781	28.006	30.403	32.774	37.435	9.0	0.033	1441.6	98
135	2	125	-1.901	-1.904	0.10	0.01	34.799	28.021	30.418	32.789	37.450	7.4	0.035	1442.0	123
135	2	150	-1.902	-1.905	0.12	0.01	34.812	28.031	30.429	32.800	37.461	6.3	0.037	1442.4	148
135	2	175	-1.899	-1.903	0.15	0.01	34.824	28.041	30.439	32.809	37.470	5.2	0.038	1442.8	173
135	2	200	-1.901	-1.905	0.16	0.01	34.833	28.048	30.446	32.817	37.477	4.4	0.039	1443.2	197
135	2	225	-1.899	-1.904	0.18	0.01	34.840	28.054	30.452	32.822	37.483	3.7	0.040	1443.7	222
135	2	250	-1.983	-1.988	0.12	-0.07	34.844	28.059	30.458	32.830	37.494	3.0	0.041	1443.7	247
135	2	275	-1.948	-1.954	0.17	-0.03	34.849	28.063	30.461	32.832	37.495	2.6	0.042	1444.2	271
135	2	300	-1.899	-1.906	0.24	0.02	34.853	28.065	30.462	32.833	37.493	2.3	0.043	1444.9	296
135	2	325	-1.900	-1.907	0.26	0.01	34.862	28.072	30.469	32.840	37.501	1.5	0.043	1445.3	321
135	2	350	-1.900	-1.908	0.28	0.02	34.871	28.079	30.477	32.847	37.508	0.6	0.043	1445.7	345
135	2	375	-1.935	-1.943	0.26	-0.02	34.883	28.090	30.488	32.859	37.521	-0.5	0.043	1446.0	370
135	2	400	-1.912	-1.921	0.31	0.00	34.898	28.102	30.499	32.870	37.531	-1.7	0.043	1446.5	395
135	2	425	-1.907	-1.917	0.33	0.01	34.903	28.106	30.503	32.874	37.534	-2.2	0.043	1447.0	420
135	2	450	-1.908	-1.919	0.35	0.01	34.911	28.112	30.510	32.880	37.541	-3.0	0.042	1447.4	444
135	2	475	-1.908	-1.919	0.37	0.01	34.916	28.116	30.514	32.884	37.545	-3.5	0.041	1447.8	469
135	2	500	-1.908	-1.920	0.39	0.01	34.919	28.119	30.516	32.887	37.547	-3.9	0.040	1448.2	494

ST_85 136

75 6 S
164 29 E

Potential Temperature ($^{\circ}\text{C}$)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.097	164.478	#510	998.0	300	0.5	0.6		0947	29	JAN	1985	ST	85	1	136

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
136	1	0	-0.728	-0.728	1.09	1.09	33.253	26.728	29.114	31.473	36.112	130.6	0.000	1443.4	0
136	1	10	-0.823	-0.823	1.02	1.01	33.392	26.844	29.231	31.591	36.231	119.6	0.013	1443.3	9
136	1	20	-1.094	-1.095	0.81	0.79	34.364	27.641	30.028	32.389	37.029	43.9	0.021	1443.5	19
136	1	30	-1.494	-1.495	0.43	0.40	34.565	27.818	30.211	32.576	37.227	27.1	0.024	1442.1	29
136	1	40	-1.661	-1.662	0.27	0.24	34.628	27.875	30.269	32.637	37.292	21.7	0.027	1441.5	39
136	1	50	-1.764	-1.765	0.18	0.14	34.678	27.918	30.314	32.684	37.341	17.5	0.029	1441.2	49
136	1	60	-1.828	-1.829	0.12	0.08	34.725	27.958	30.355	32.725	37.385	13.7	0.030	1441.2	59
136	1	70	-1.855	-1.856	0.10	0.05	34.745	27.975	30.373	32.743	37.403	12.0	0.032	1441.2	69
136	1	80	-1.877	-1.879	0.09	0.03	34.763	27.991	30.388	32.759	37.419	10.5	0.033	1441.3	79
136	1	90	-1.894	-1.896	0.08	0.02	34.779	28.004	30.402	32.773	37.434	9.2	0.034	1441.4	89
136	1	100	-1.895	-1.897	0.09	0.02	34.792	28.015	30.412	32.783	37.444	8.1	0.034	1441.6	98
136	1	125	-1.907	-1.910	0.10	0.01	34.815	28.034	30.432	32.802	37.464	6.2	0.036	1442.0	123
136	1	150	-1.909	-1.912	0.12	0.00	34.833	28.049	30.446	32.817	37.478	4.6	0.038	1442.4	148
136	1	175	-1.911	-1.915	0.13	0.00	34.852	28.064	30.462	32.832	37.493	3.0	0.039	1442.8	173
136	1	200	-1.909	-1.913	0.16	0.01	34.868	28.077	30.475	32.845	37.506	1.7	0.039	1443.2	197
136	1	225	-1.911	-1.916	0.17	0.00	34.881	28.088	30.485	32.856	37.517	0.5	0.039	1443.7	222
136	1	250	-1.912	-1.917	0.19	0.00	34.894	28.098	30.496	32.866	37.527	-0.6	0.039	1444.1	247
136	1	275	-1.910	-1.916	0.21	0.01	34.904	28.106	30.504	32.874	37.535	-1.5	0.039	1444.5	271
136	1	300	-1.911	-1.918	0.23	0.01	34.911	28.112	30.510	32.880	37.541	-2.2	0.039	1444.9	296
136	1	325	-1.910	-1.917	0.25	0.01	34.914	28.115	30.512	32.882	37.543	-2.5	0.038	1445.3	321
136	1	350	-1.911	-1.919	0.27	0.01	34.921	28.120	30.518	32.888	37.549	-3.2	0.037	1445.7	345
136	1	375	-1.910	-1.919	0.29	0.01	34.922	28.121	30.519	32.889	37.549	-3.4	0.037	1446.2	370
136	1	400	-1.910	-1.919	0.31	0.01	34.922	28.121	30.519	32.889	37.550	-3.6	0.036	1446.6	395
136	1	425	-1.909	-1.919	0.33	0.01	34.923	28.122	30.519	32.890	37.550	-3.8	0.035	1447.0	420
136	1	450	-1.908	-1.919	0.35	0.01	34.927	28.125	30.523	32.893	37.553	-4.2	0.034	1447.4	444
136	1	475	-1.908	-1.919	0.37	0.01	34.927	28.125	30.523	32.893	37.554	-4.3	0.033	1447.8	469
136	1	500	-1.907	-1.919	0.39	0.01	34.927	28.125	30.523	32.893	37.554	-4.5	0.032	1448.2	494
136	1	502	-1.907	-1.919	0.39	0.01	34.927	28.125	30.523	32.893	37.554	-4.5	0.032	1448.3	496

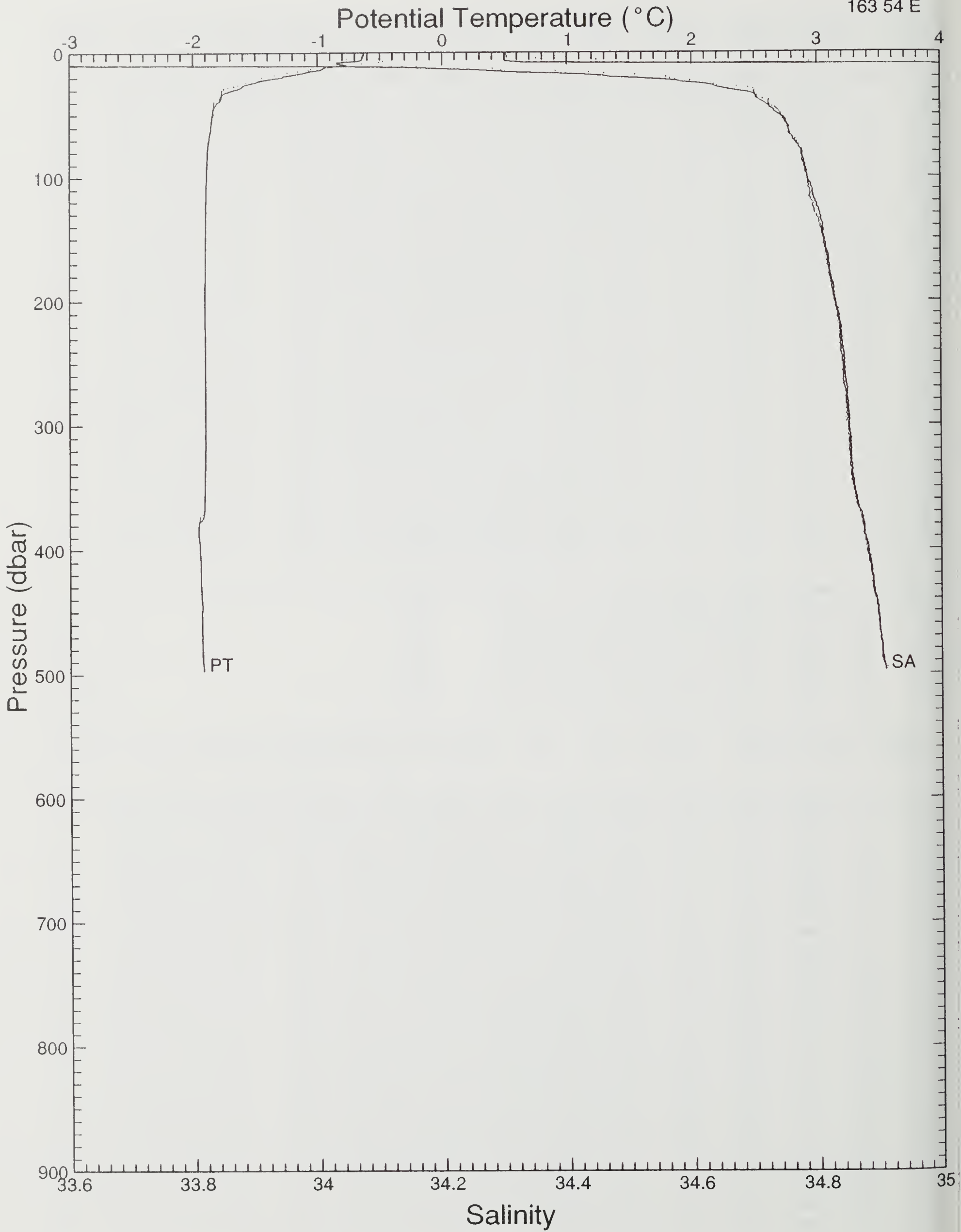
STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
136	1	0	-0.600	-0.600	33.270	26.736		13.0		33.5							13	0
136		28	-1.406	-1.407	34.555	27.803	6.80	26.0		76.0							11	28
136		57	-1.806	-1.807	34.712	27.954	6.59	28.0		79.5							10	56
136		87	-1.892	-1.894	34.779	27.998	6.58	28.0		78.5							8	86
136		117	-1.905	-1.907	34.814	28.029	6.66	28.0		79.0							6	116
136		297	-1.911	-1.918	34.914	28.111	6.77	28.0		78.5							4	294
136		502	-1.907	-1.919	34.929	28.125	6.70	27.5		77.5							1	496

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.117	164.500	#510	998.0	300	0.5	0.6		1030	29	JAN	1985	ST	85	2	136

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
136	2	0	-0.600	-0.600	1.22	1.22	33.270	26.736	29.120	31.478	36.113	129.8	0.000	1444.0	0
136	2	10	-0.866	-0.866	0.98	0.97	33.540	26.965	29.352	31.712	36.353	108.0	0.012	1443.3	9
136	2	20	-1.140	-1.141	0.77	0.75	34.448	27.711	30.099	32.459	37.100	37.3	0.019	1443.4	19
136	2	30	-1.410	-1.411	0.51	0.49	34.590	27.836	30.227	32.591	37.239	25.5	0.022	1442.5	29
136	2	40	-1.697	-1.698	0.23	0.20	34.652	27.895	30.290	32.659	37.315	19.8	0.025	1441.4	39
136	2	50	-1.780	-1.781	0.16	0.13	34.692	27.930	30.326	32.696	37.354	16.4	0.026	1441.2	49
136	2	60	-1.816	-1.817	0.14	0.09	34.732	27.964	30.360	32.730	37.389	13.2	0.028	1441.2	59
136	2	70	-1.850	-1.851	0.11	0.06	34.750	27.979	30.376	32.747	37.407	11.6	0.029	1441.3	69
136	2	80	-1.883	-1.885	0.09	0.03	34.762	27.990	30.388	32.758	37.419	10.6	0.030	1441.3	79
136	2	90	-1.893	-1.895	0.08	0.02	34.775	28.001	30.399	32.769	37.430	9.5	0.031	1441.4	89
136	2	100	-1.897	-1.899	0.09	0.01	34.787	28.011	30.408	32.779	37.440	8.5	0.032	1441.6	98
136	2	125	-1.907	-1.910	0.10	0.01	34.819	28.037	30.435	32.806	37.467	5.9	0.034	1442.0	123
136	2	150	-1.913	-1.916	0.11	0.00	34.837	28.052	30.450	32.820	37.482	4.3	0.035	1442.4	148
136	2	175	-1.911	-1.915	0.13	0.00	34.856	28.067	30.465	32.836	37.497	2.7	0.036	1442.8	173
136	2	200	-1.910	-1.914	0.16	0.01	34.870	28.079	30.476	32.847	37.508	1.5	0.037	1443.2	197
136	2	225	-1.912	-1.917	0.17	0.00	34.885	28.091	30.489	32.859	37.520	0.2	0.037	1443.7	222
136	2	250	-1.912	-1.917	0.19	0.00	34.894	28.098	30.496	32.866	37.527	-0.6	0.037	1444.1	247
136	2	275	-1.910	-1.916	0.21	0.01	34.905	28.107	30.505	32.875	37.536	-1.6	0.037	1444.5	271
136	2	300	-1.911	-1.918	0.23	0.01	34.912	28.113	30.510	32.881	37.541	-2.3	0.036	1444.9	296
136	2	325	-1.911	-1.918	0.25	0.01	34.915	28.115	30.513	32.883	37.544	-2.6	0.035	1445.3	321
136	2	350	-1.911	-1.919	0.27	0.01	34.919	28.119	30.516	32.887	37.547	-3.1	0.035	1445.7	345
136	2	375	-1.910	-1.919	0.29	0.01	34.922	28.121	30.519	32.889	37.549	-3.4	0.034	1446.2	370
136	2	400	-1.910	-1.919	0.31	0.01	34.923	28.122	30.519	32.890	37.550	-3.6	0.033	1446.6	395
136	2	425	-1.909	-1.919	0.33	0.01	34.923	28.122	30.519	32.890	37.550	-3.8	0.032	1447.0	420
136	2	450	-1.909	-1.920	0.35	0.01	34.926	28.124	30.522	32.892	37.553	-4.1	0.031	1447.4	444

ST_85 137

75 4 S
163 54 E



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.067	163.900	#510	998.0	0	0.0	1.7		1125	29	JAN	1985	ST	85	1	137

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
137	1	0	-0.626	-0.626	1.18	1.18	32.900	26.438	28.824	31.183	35.822	158.1	0.000	1443.4	0
137	1	10	-0.764	-0.764	1.09	1.08	33.685	27.079	29.464	31.822	36.458	97.3	0.013	1444.0	9
137	1	20	-1.283	-1.283	0.62	0.61	34.469	27.733	30.123	32.485	37.130	35.2	0.019	1442.8	19
137	1	30	-1.670	-1.671	0.26	0.23	34.658	27.899	30.294	32.662	37.317	19.4	0.022	1441.3	29
137	1	40	-1.801	-1.802	0.14	0.10	34.713	27.948	30.344	32.714	37.373	14.8	0.024	1441.0	39
137	1	50	-1.834	-1.835	0.11	0.07	34.738	27.969	30.366	32.736	37.396	12.7	0.025	1441.0	49
137	1	60	-1.853	-1.854	0.10	0.06	34.756	27.984	30.381	32.752	37.412	11.2	0.026	1441.1	59
137	1	70	-1.869	-1.870	0.09	0.04	34.762	27.990	30.387	32.757	37.418	10.7	0.028	1441.2	69
137	1	80	-1.880	-1.882	0.09	0.03	34.776	28.001	30.399	32.769	37.430	9.5	0.029	1441.3	79
137	1	90	-1.885	-1.887	0.09	0.03	34.782	28.006	30.404	32.774	37.435	9.0	0.029	1441.5	89
137	1	100	-1.887	-1.889	0.10	0.02	34.785	28.009	30.406	32.777	37.438	8.7	0.030	1441.6	98
137	1	125	-1.897	-1.900	0.11	0.01	34.800	28.021	30.419	32.790	37.451	7.3	0.032	1442.0	123
137	1	150	-1.897	-1.900	0.13	0.02	34.812	28.031	30.429	32.799	37.460	6.3	0.034	1442.4	148
137	1	175	-1.898	-1.902	0.15	0.01	34.819	28.037	30.434	32.805	37.466	5.6	0.036	1442.8	173
137	1	200	-1.900	-1.904	0.16	0.01	34.830	28.046	30.443	32.814	37.475	4.6	0.037	1443.2	197
137	1	225	-1.898	-1.903	0.18	0.02	34.839	28.053	30.451	32.821	37.482	3.8	0.038	1443.7	222
137	1	250	-1.896	-1.901	0.21	0.02	34.842	28.056	30.453	32.824	37.484	3.4	0.039	1444.1	247
137	1	275	-1.896	-1.902	0.23	0.02	34.847	28.060	30.457	32.828	37.488	2.9	0.040	1444.5	271
137	1	300	-1.896	-1.903	0.24	0.02	34.850	28.062	30.460	32.830	37.491	2.5	0.040	1444.9	296
137	1	325	-1.897	-1.904	0.26	0.02	34.853	28.065	30.462	32.833	37.493	2.2	0.041	1445.3	321
137	1	350	-1.901	-1.909	0.28	0.01	34.858	28.069	30.466	32.837	37.498	1.6	0.041	1445.7	345
137	1	375	-1.922	-1.930	0.28	-0.01	34.872	28.081	30.479	32.849	37.511	0.4	0.042	1446.0	370
137	1	400	-1.941	-1.950	0.28	-0.03	34.880	28.088	30.486	32.857	37.519	-0.5	0.042	1446.4	395
137	1	425	-1.931	-1.941	0.31	-0.02	34.888	28.094	30.492	32.863	37.524	-1.2	0.041	1446.8	420
137	1	450	-1.923	-1.934	0.33	-0.01	34.895	28.100	30.497	32.868	37.529	-1.8	0.041	1447.3	444
137	1	475	-1.921	-1.932	0.35	0.00	34.902	28.105	30.503	32.874	37.535	-2.5	0.040	1447.7	469
137	1	497	-1.909	-1.921	0.38	0.01	34.907	28.109	30.507	32.877	37.538	-2.9	0.040	1448.1	491

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
137	1	0	-0.631	-0.631	32.902	26.440		6.5		49.5							13	0
137	1	28	-1.713	-1.714	34.673	27.913		27.0		78.5							11	27
137		58	-1.852	-1.853	34.757	27.981		27.5		78.5							10	57
137		87	-1.885	-1.887	34.774	28.001		27.5		78.0							8	86
137		118	-1.892	-1.894	34.795	28.013		27.5		78.0							6	116
137		298	-1.895	-1.902	34.854	28.059		27.5		78.0							4	295
137		497	-1.909	-1.921	34.909	28.110		26.5		77.0							1	491

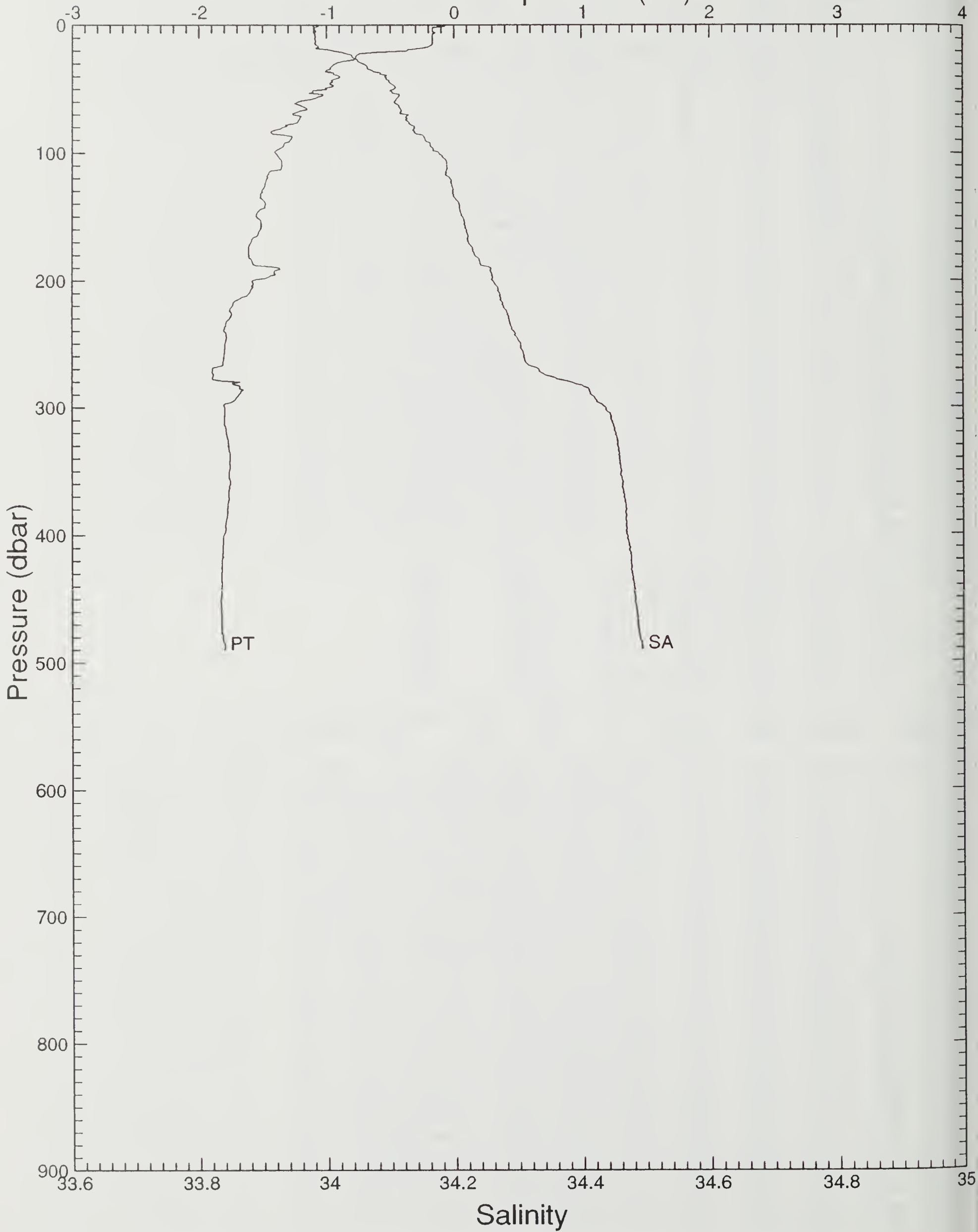
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-75.067	163.900	#510	998.0	0	0.0	1.7		1207	29	JAN	1985	ST	85	2	137

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
137	2	0	-0.631	-0.631	1.17	1.17	32.902	26.440	28.826	31.185	35.824	157.9	0.000	1443.4	0
137	2	10	-0.806	-0.806	1.06	1.05	33.937	27.284	29.669	32.026	36.662	77.8	0.012	1444.1	9
137	2	20	-1.444	-1.444	0.47	0.45	34.560	27.813	30.204	32.569	37.218	27.7	0.017	1442.1	19
137	2	30	-1.765	-1.766	0.16	0.14	34.699	27.935	30.331	32.700	37.358	16.0	0.019	1440.9	29
137	2	40	-1.828	-1.829	0.11	0.08	34.723	27.957	30.354	32.724	37.383	13.9	0.021	1440.8	39
137	2	50	-1.845	-1.846	0.10	0.06	34.743	27.973	30.371	32.741	37.400	12.3	0.022	1440.9	49
137	2	60	-1.855	-1.856	0.10	0.05	34.754	27.983	30.380	32.750	37.410	11.4	0.023	1441.1	59
137	2	70	-1.867	-1.868	0.10	0.04	34.766	27.993	30.390	32.761	37.421	10.4	0.024	1441.2	69
137	2	80	-1.882	-1.884	0.09	0.03	34.777	28.002	30.400	32.770	37.431	9.4	0.025	1441.3	79
137	2	90	-1.887	-1.889	0.09	0.02	34.780	28.005	30.402	32.773	37.434	9.1	0.026	1441.4	89
137	2	100	-1.889	-1.891	0.10	0.02	34.784	28.008	30.406	32.776	37.437	8.7	0.027	1441.6	98
137	2	125	-1.892	-1.895	0.11	0.02	34.794	28.016	30.414	32.785	37.445	7.8	0.029	1442.0	123
137	2	150	-1.898	-1.901	0.13	0.01	34.810	28.029	30.427	32.798	37.459	6.4	0.031	1442.4	148
137	2	175	-1.898	-1.902	0.15	0.01	34.819	28.037	30.434	32.805	37.466	5.6	0.033	1442.8	173
137	2	200	-1.900	-1.904	0.16	0.01	34.827	28.043	30.441	32.812	37.473	4.8	0.034	1443.2	197
137	2	225	-1.898	-1.903	0.18	0.02	34.837	28.052	30.449	32.820	37.480	3.9	0.035	1443.7	222
137	2	250	-1.896	-1.901	0.21	0.02	34.839	28.053	30.451	32.821	37.482	3.7	0.036	1444.1	247
137	2	275	-1.897	-1.903	0.22	0.02	34.846	28.059	30.456	32.827	37.488	3.0	0.037	1444.5	271
137	2	300	-1.896	-1.903	0.24	0.02	34.849	28.061	30.459	32.829	37.490	2.6	0.037	1444.9	296
137	2	325	-1.897	-1.904	0.26	0.02	34.851	28.063	30.460	32.831	37.492	2.3	0.038	1445.3	321
137	2	350	-1.901	-1.909	0.28	0.01	34.858	28.069	30.466	32.837	37.498	1.6	0.039	1445.7	345
137	2	375	-1.944	-1.952	0.25	-0.03	34.870	28.080	30.478	32.849	37.511	0.4	0.039	1445.9	370
137	2	400	-1.942	-1.951	0.28	-0.03	34.879	28.087	30.485	32.856	37.518	-0.4	0.039	1446.4	395
137	2	425	-1.931	-1.941	0.31	-0.02	34.887	28.093	30.491	32.862	37.524	-1.1	0.039	1446.8	420
137	2	450	-1.924	-1.935	0.33	-0.01	34.896	28.100	30.498	32.869	37.530	-1.9	0.038	1447.3	444
137	2	475	-1.923	-1.934	0.35	-0.01	34.901	28.104	30.502	32.873	37.534	-2.4	0.038	1447.7	469

ST_85 138

77 45 S
160 17 W

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.752	-160.285	602	997.0	35	5.2	-2.2	915	1158	02	FEB	1985	ST	85	1	138

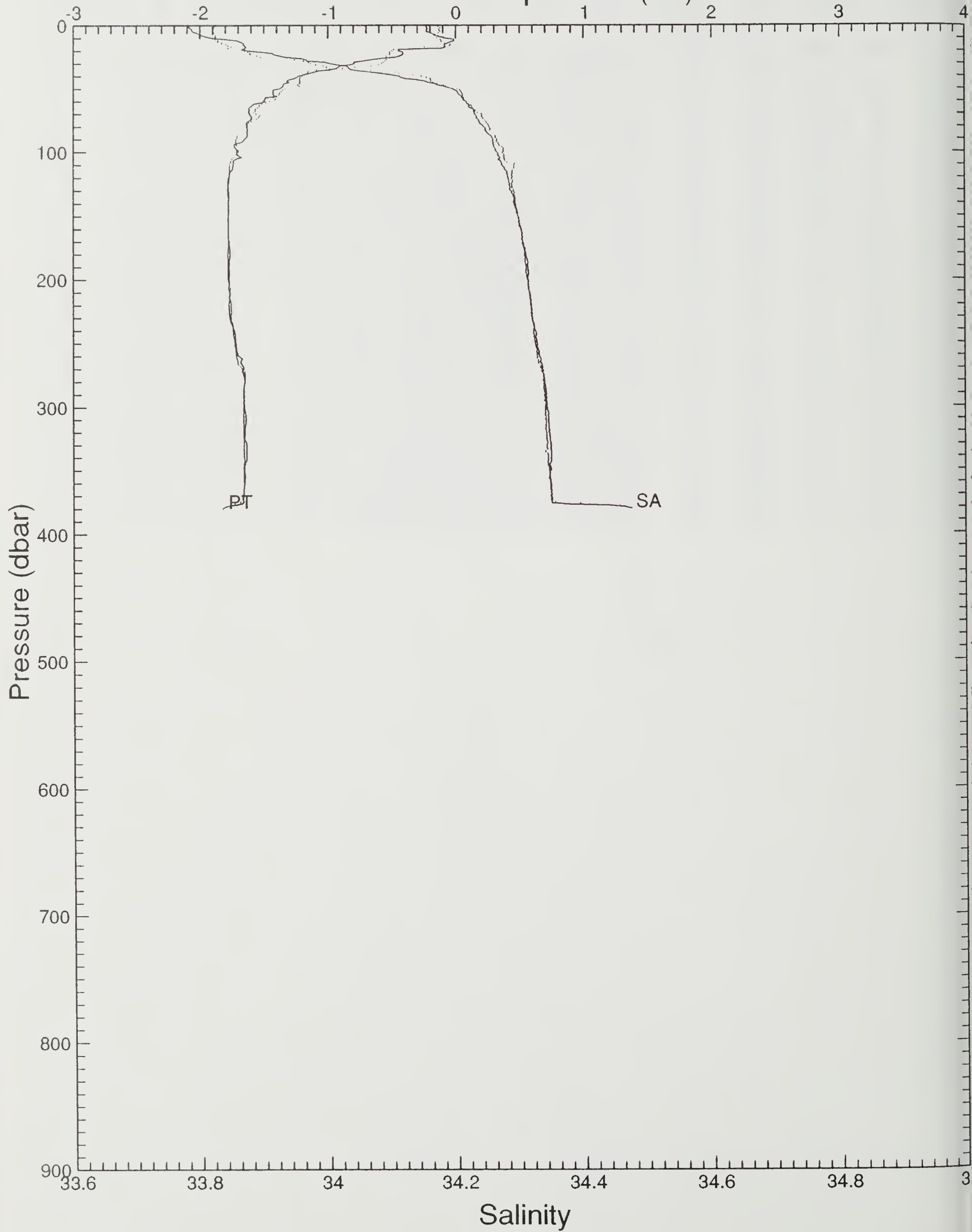
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
138	1	0	-0.073	-0.073	1.79	1.79	33.987	27.292	29.665	32.011	36.624	77.1	0.000	1447.4	0
138	1	10	-0.169	-0.169	1.70	1.70	33.982	27.293	29.667	32.015	36.631	77.0	0.008	1447.2	9
138	1	20	-0.372	-0.373	1.51	1.49	34.012	27.327	29.704	32.055	36.676	73.8	0.015	1446.4	19
138	1	30	-0.934	-0.935	0.96	0.93	34.058	27.387	29.773	32.132	36.770	67.9	0.022	1444.0	29
138	1	40	-0.892	-0.893	1.01	0.98	34.091	27.413	29.798	32.156	36.792	65.5	0.029	1444.4	39
138	1	50	-0.997	-0.998	0.91	0.87	34.105	27.428	29.815	32.174	36.814	64.0	0.036	1444.1	49
138	1	60	-1.230	-1.231	0.69	0.64	34.106	27.437	29.827	32.191	36.837	63.1	0.042	1443.2	59
138	1	70	-1.257	-1.259	0.67	0.62	34.129	27.457	29.847	32.211	36.858	61.2	0.048	1443.2	69
138	1	80	-1.345	-1.347	0.59	0.53	34.138	27.467	29.859	32.224	36.874	60.1	0.054	1443.0	79
138	1	90	-1.286	-1.288	0.66	0.59	34.155	27.479	29.870	32.234	36.882	59.0	0.060	1443.5	89
138	1	100	-1.396	-1.398	0.55	0.48	34.177	27.500	29.893	32.258	36.909	56.9	0.066	1443.1	98
138	1	125	-1.477	-1.480	0.49	0.40	34.197	27.519	29.913	32.280	36.933	54.9	0.080	1443.2	123
138	1	150	-1.542	-1.545	0.45	0.33	34.214	27.535	29.929	32.297	36.952	53.3	0.093	1443.3	148
138	1	175	-1.605	-1.609	0.40	0.27	34.229	27.549	29.944	32.313	36.970	51.8	0.106	1443.4	173
138	1	200	-1.577	-1.582	0.45	0.30	34.261	27.574	29.969	32.337	36.993	49.3	0.119	1444.0	197
138	1	225	-1.741	-1.746	0.31	0.14	34.283	27.597	29.994	32.365	37.026	46.9	0.131	1443.7	222
138	1	250	-1.789	-1.794	0.28	0.09	34.305	27.616	30.014	32.385	37.047	44.9	0.143	1443.9	247
138	1	275	-1.880	-1.886	0.21	0.01	34.344	27.650	30.049	32.422	37.087	41.5	0.153	1443.9	271
138	1	300	-1.789	-1.796	0.33	0.10	34.437	27.723	30.121	32.492	37.153	34.5	0.163	1444.9	296
138	1	325	-1.763	-1.770	0.37	0.13	34.456	27.738	30.135	32.505	37.165	33.0	0.171	1445.4	321
138	1	350	-1.754	-1.762	0.40	0.14	34.462	27.743	30.140	32.510	37.169	32.4	0.180	1445.9	345
138	1	375	-1.761	-1.770	0.41	0.13	34.468	27.748	30.145	32.515	37.175	31.8	0.188	1446.3	370
138	1	400	-1.796	-1.805	0.40	0.10	34.470	27.750	30.148	32.519	37.180	31.4	0.195	1446.5	395
138	1	425	-1.810	-1.820	0.40	0.08	34.478	27.757	30.155	32.526	37.187	30.6	0.203	1446.8	420
138	1	450	-1.816	-1.827	0.42	0.08	34.484	27.762	30.160	32.531	37.193	30.0	0.211	1447.2	444
138	1	475	-1.811	-1.822	0.44	0.08	34.490	27.767	30.165	32.536	37.197	29.4	0.218	1447.7	469
138	1	490	-1.790	-1.802	0.47	0.10	34.494	27.770	30.167	32.538	37.198	29.1	0.223	1448.0	484

ST_85 139

77 31 S

160 33 W

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.520	-160.547	408	997.6	320	2.6	0.0		1437	02	FEB	1985	ST	85	1	139

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
139	1	0	-0.232	-0.232	1.62	1.62	33.783	27.135	29.511	31.861	36.480	92.0	0.000	1446.4	0
139	1	10	-0.082	-0.082	1.78	1.77	33.819	27.157	29.531	31.878	36.493	89.9	0.009	1447.3	9
139	1	20	-0.450	-0.451	1.42	1.41	33.877	27.221	29.600	31.953	36.578	83.8	0.018	1445.9	19
139	1	30	-0.790	-0.791	1.10	1.07	34.003	27.337	29.721	32.078	36.712	72.7	0.026	1444.6	29
139	1	40	-1.231	-1.232	0.67	0.64	34.111	27.441	29.831	32.195	36.841	62.8	0.032	1442.9	39
139	1	50	-1.380	-1.381	0.53	0.50	34.194	27.513	29.906	32.271	36.921	55.9	0.038	1442.4	49
139	1	60	-1.493	-1.494	0.43	0.38	34.216	27.535	29.929	32.296	36.949	53.8	0.044	1442.1	59
139	1	70	-1.613	-1.614	0.32	0.26	34.229	27.549	29.945	32.314	36.971	52.4	0.049	1441.7	69
139	1	80	-1.627	-1.629	0.31	0.25	34.243	27.561	29.957	32.326	36.983	51.2	0.054	1441.8	79
139	1	90	-1.652	-1.654	0.30	0.23	34.258	27.574	29.970	32.339	36.997	49.9	0.059	1441.9	89
139	1	100	-1.709	-1.711	0.25	0.17	34.264	27.580	29.977	32.347	37.007	49.2	0.064	1441.8	98
139	1	125	-1.777	-1.780	0.20	0.10	34.285	27.599	29.997	32.368	37.030	47.3	0.076	1441.9	123
139	1	150	-1.776	-1.779	0.22	0.11	34.297	27.609	30.007	32.378	37.040	46.2	0.088	1442.3	148
139	1	175	-1.767	-1.771	0.25	0.12	34.309	27.618	30.016	32.387	37.048	45.1	0.099	1442.8	173
139	1	200	-1.769	-1.773	0.26	0.11	34.313	27.622	30.020	32.390	37.052	44.7	0.111	1443.2	197
139	1	225	-1.763	-1.768	0.29	0.12	34.319	27.626	30.024	32.395	37.056	44.1	0.122	1443.6	222
139	1	250	-1.713	-1.719	0.36	0.17	34.327	27.632	30.029	32.399	37.058	43.5	0.133	1444.3	247
139	1	275	-1.656	-1.662	0.44	0.23	34.337	27.638	30.034	32.403	37.061	42.8	0.143	1444.9	271
139	1	300	-1.648	-1.655	0.46	0.24	34.342	27.642	30.038	32.407	37.064	42.3	0.154	1445.4	296
139	1	325	-1.648	-1.656	0.48	0.24	34.347	27.646	30.042	32.411	37.068	41.8	0.165	1445.8	321
139	1	350	-1.648	-1.656	0.50	0.24	34.349	27.648	30.044	32.412	37.070	41.5	0.175	1446.2	345
139	1	375	-1.653	-1.662	0.51	0.23	34.349	27.648	30.044	32.413	37.070	41.3	0.185	1446.6	370
139	1	380	-1.818	-1.827	0.36	0.07	34.472	27.753	30.150	32.522	37.183	31.3	0.187	1446.1	375

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
139		1	-0.139	-0.139	33.822	27.162	10.18	10.0		60.0							12	1
139		57	-1.421	-1.422	34.217	27.529	7.23	26.0		69.0							9	57
139		87	-1.705	-1.707	34.260	27.578	6.90	28.0		70.5							8	86
139		148	-1.776	-1.779	34.294	27.609	6.96	29.0		70.5							5	146
139		169	-1.774	-1.778	34.306	27.615	6.90	29.0		70.5							4	167
139	2	198	-1.779	-1.783	34.322	27.620	7.63	29.0		71.0							3	196
139		379	-1.807	-1.816	34.447	27.747	6.55	29.0		72.5							1	375

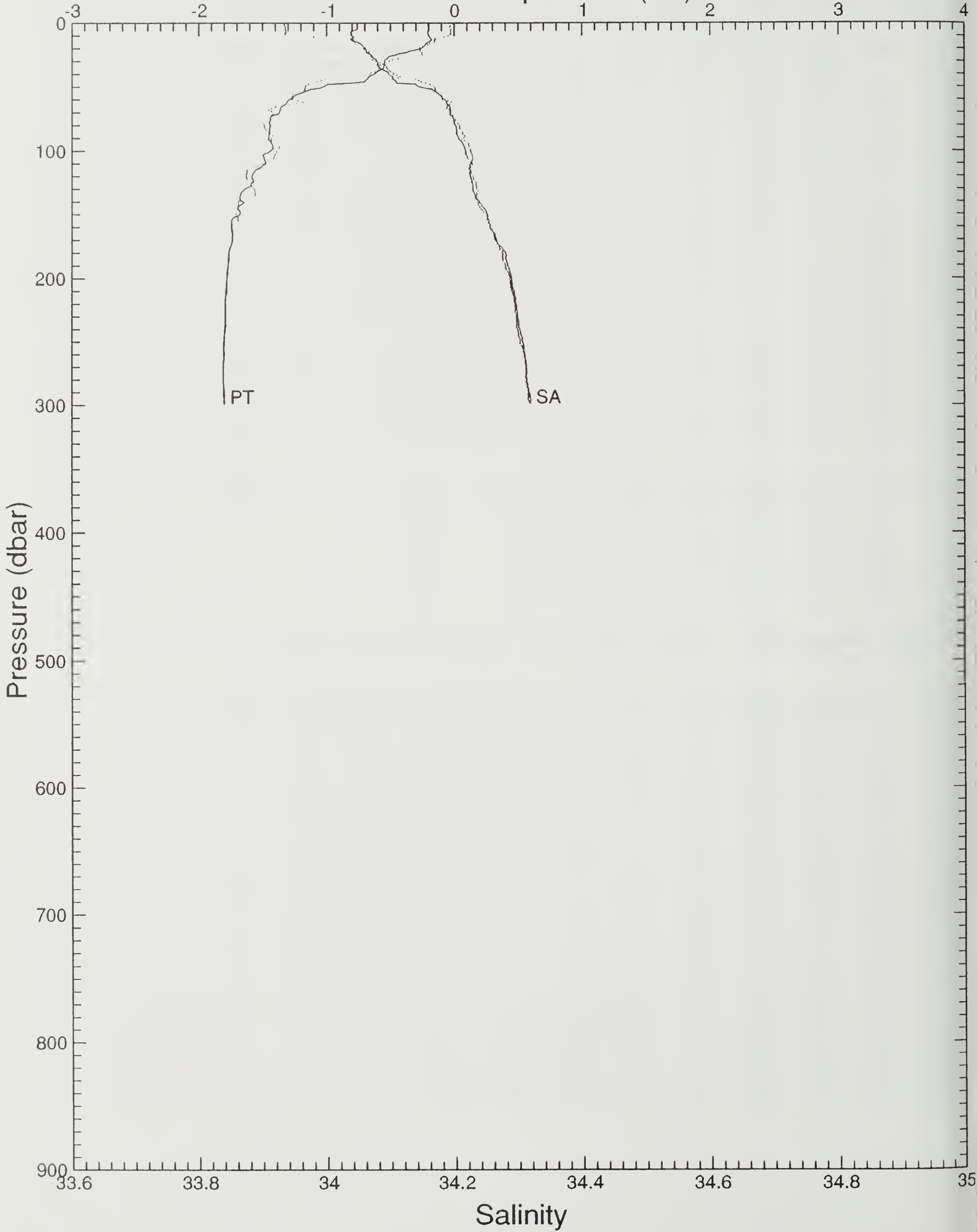
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.520	-160.603	408	997.6	320	2.6	0.0		1440	02	FEB	1985	ST	85	2	139

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
139	2	0	-0.139	-0.139	1.72	1.72	33.823	27.163	29.538	31.886	36.502	89.3	0.000	1446.9	0
139	2	10	-0.148	-0.148	1.71	1.71	33.823	27.163	29.538	31.886	36.503	89.3	0.009	1447.0	9
139	2	20	-0.496	-0.497	1.38	1.36	33.870	27.217	29.597	31.950	36.577	84.1	0.018	1445.7	19
139	2	30	-0.576	-0.577	1.31	1.29	33.973	27.304	29.685	32.039	36.667	75.9	0.026	1445.6	29
139	2	40	-1.200	-1.201	0.70	0.67	34.146	27.468	29.858	32.221	36.866	60.2	0.032	1443.0	39
139	2	50	-1.334	-1.335	0.58	0.54	34.202	27.518	29.910	32.274	36.923	55.4	0.038	1442.6	49
139	2	60	-1.453	-1.454	0.47	0.42	34.215	27.533	29.926	32.292	36.945	54.0	0.044	1442.3	59
139	2	70	-1.561	-1.563	0.37	0.32	34.240	27.556	29.951	32.319	36.975	51.7	0.049	1441.9	69
139	2	80	-1.632	-1.634	0.31	0.25	34.252	27.568	29.964	32.333	36.991	50.5	0.054	1441.8	79
139	2	90	-1.716	-1.718	0.23	0.16	34.264	27.580	29.978	32.348	37.008	49.3	0.059	1441.6	89
139	2	100	-1.698	-1.700	0.26	0.18	34.274	27.588	29.985	32.355	37.014	48.5	0.064	1441.8	98
139	2	125	-1.780	-1.783	0.20	0.10	34.287	27.601	29.999	32.370	37.032	47.1	0.076	1441.8	123
139	2	150	-1.776	-1.779	0.22	0.11	34.297	27.609	30.007	32.378	37.040	46.2	0.088	1442.3	148
139	2	175	-1.775	-1.779	0.24	0.11	34.306	27.616	30.014	32.385	37.047	45.3	0.099	1442.7	173
139	2	200	-1.775	-1.779	0.26	0.11	34.312	27.621	30.019	32.390	37.052	44.7	0.110	1443.1	197
139	2	225	-1.748	-1.753	0.30	0.14	34.319	27.626	30.024	32.394	37.055	44.1	0.121	1443.7	222
139	2	250	-1.723	-1.729	0.35	0.16	34.324	27.629	30.027	32.397	37.057	43.7	0.132	1444.2	247
139	2	275	-1.643	-1.649	0.45	0.24	34.338	27.639	30.034	32.403	37.061	42.7	0.143	1445.0	271
139	2	300	-1.655	-1.662	0.45	0.23	34.339	27.640	30.036	32.405	37.062	42.5	0.154	1445.4	296
139	2	325	-1.651	-1.659	0.48	0.23	34.342	27.642	30.038	32.407	37.065	42.1	0.164	1445.8	321
139	2	350	-1.655	-1.663	0.49	0.23	34.345	27.645	30.041	32.410	37.067	41.7	0.175	1446.2	345
139	2	375	-1.681	-1.690	0.49	0.20	34.355	27.654	30.050	32.419	37.078	40.7	0.185	1446.5	370
139	2	380	-1.819	-1.828	0.36	0.07	34.474	27.754	30.152	32.523	37.185	31.1	0.187	1446.1	375

ST_85 140

77 37 S
160 24 W

Potential Temperature ($^{\circ}\text{C}$)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.620	-160.400	363	998.3	345	3.6	0.0		1558	02	FEB	1985	ST	85	1	140

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
140	1	0	-0.206	-0.206	1.66	1.66	34.049	27.349	29.723	32.071	36.688	71.7	0.000	1446.9	0
140	1	10	-0.199	-0.199	1.68	1.67	34.040	27.341	29.716	32.064	36.680	72.4	0.007	1447.1	9
140	1	20	-0.262	-0.263	1.62	1.61	34.058	27.359	29.734	32.083	36.701	70.7	0.014	1447.0	19
140	1	30	-0.546	-0.547	1.35	1.32	34.079	27.389	29.768	32.121	36.748	67.9	0.021	1445.9	29
140	1	40	-0.627	-0.628	1.27	1.24	34.097	27.407	29.788	32.142	36.770	66.1	0.028	1445.7	39
140	1	50	-1.029	-1.030	0.88	0.84	34.145	27.462	29.848	32.209	36.849	60.8	0.034	1444.0	49
140	1	60	-1.291	-1.292	0.63	0.58	34.185	27.503	29.894	32.258	36.906	56.8	0.040	1443.0	59
140	1	70	-1.367	-1.369	0.56	0.51	34.193	27.512	29.904	32.269	36.919	55.9	0.046	1442.8	69
140	1	80	-1.435	-1.437	0.50	0.44	34.202	27.522	29.915	32.281	36.933	54.9	0.051	1442.7	79
140	1	90	-1.450	-1.452	0.50	0.43	34.207	27.526	29.920	32.286	36.938	54.4	0.057	1442.8	89
140	1	100	-1.441	-1.443	0.51	0.44	34.218	27.535	29.928	32.294	36.946	53.6	0.062	1443.0	98
140	1	125	-1.582	-1.585	0.39	0.30	34.227	27.547	29.942	32.310	36.966	52.3	0.076	1442.7	123
140	1	150	-1.675	-1.678	0.32	0.20	34.252	27.570	29.966	32.336	36.995	49.9	0.088	1442.7	148
140	1	175	-1.748	-1.752	0.26	0.13	34.273	27.589	29.986	32.357	37.018	48.0	0.101	1442.8	173
140	1	200	-1.775	-1.779	0.26	0.11	34.289	27.602	30.000	32.372	37.033	46.5	0.112	1443.1	197
140	1	225	-1.788	-1.793	0.26	0.09	34.297	27.609	30.008	32.379	37.041	45.7	0.124	1443.4	222
140	1	250	-1.800	-1.805	0.27	0.08	34.307	27.618	30.016	32.388	37.050	44.7	0.135	1443.8	247
140	1	275	-1.802	-1.808	0.29	0.08	34.313	27.623	30.021	32.393	37.055	44.1	0.146	1444.2	271
140	1	299	-1.793	-1.800	0.32	0.09	34.319	27.627	30.026	32.397	37.059	43.5	0.157	1444.7	295

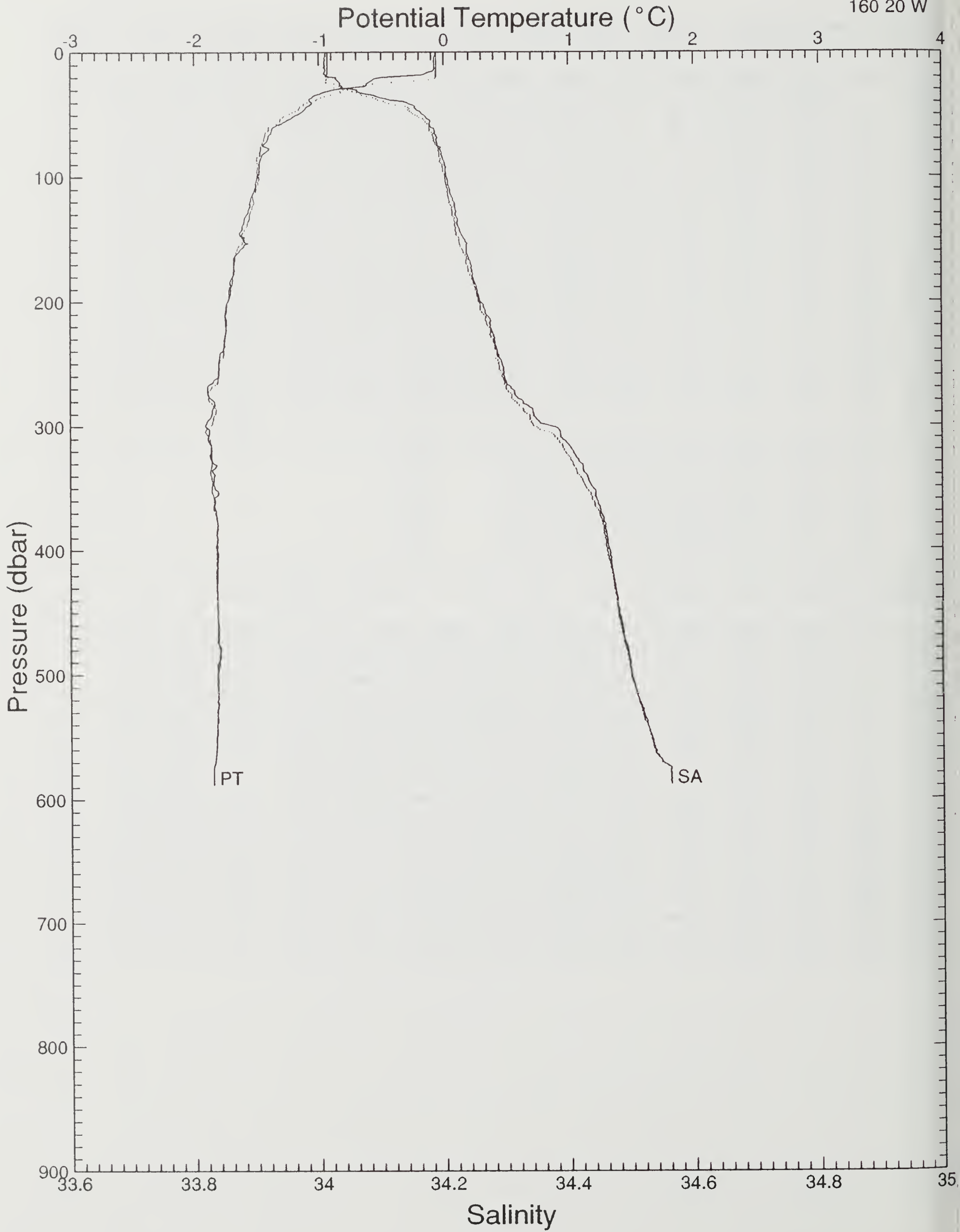
STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
140		2	-0.032	-0.032	33.938	27.247	9.75	11.0		63.5							12	2
140		60	-1.269	-1.270	34.192	27.499	7.62	24.5		71.0							9	60
140		90	-1.430	-1.432	34.217	27.532	7.28	26.5		71.5							8	89
140		148	-1.660	-1.663	34.247	27.564	6.97	28.5		71.5							5	147
140		167	-1.731	-1.735	34.267	27.579	6.92	29.0		71.5							4	165
140		192	-1.766	-1.770	34.280	27.595	6.92	28.5		72.0							3	190

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.620	-160.320	363	998.3	345	3.6	0.0		1628	02	FEB	1985	ST	85	2	140

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
140	2	0	-0.008	-0.008	1.85	1.85	33.934	27.246	29.618	31.964	36.575	81.5	0.000	1447.7	0
140	2	10	-0.047	-0.047	1.82	1.82	33.951	27.262	29.635	31.981	36.593	80.0	0.008	1447.7	9
140	2	20	-0.269	-0.270	1.61	1.60	34.061	27.361	29.737	32.086	36.704	70.5	0.016	1447.0	19
140	2	30	-0.507	-0.508	1.38	1.36	34.077	27.385	29.764	32.117	36.742	68.2	0.023	1446.0	29
140	2	40	-0.661	-0.662	1.24	1.21	34.104	27.414	29.795	32.150	36.779	65.4	0.029	1445.5	39
140	2	50	-1.165	-1.166	0.75	0.71	34.169	27.486	29.875	32.237	36.881	58.5	0.035	1443.4	49
140	2	60	-1.269	-1.270	0.65	0.61	34.181	27.499	29.890	32.253	36.900	57.2	0.041	1443.1	59
140	2	70	-1.417	-1.419	0.51	0.46	34.193	27.514	29.907	32.272	36.924	55.7	0.047	1442.6	69
140	2	80	-1.486	-1.488	0.45	0.39	34.208	27.528	29.922	32.289	36.942	54.3	0.052	1442.4	79
140	2	90	-1.430	-1.432	0.52	0.45	34.215	27.532	29.925	32.291	36.943	53.9	0.058	1442.9	89
140	2	100	-1.390	-1.392	0.56	0.49	34.226	27.540	29.932	32.297	36.948	53.1	0.063	1443.2	98
140	2	125	-1.589	-1.592	0.38	0.29	34.234	27.552	29.948	32.316	36.973	51.7	0.076	1442.7	123
140	2	150	-1.704	-1.707	0.29	0.18	34.249	27.568	29.965	32.335	36.995	50.1	0.089	1442.6	148
140	2	175	-1.746	-1.750	0.27	0.13	34.270	27.586	29.984	32.355	37.016	48.2	0.101	1442.8	173
140	2	200	-1.773	-1.777	0.26	0.11	34.288	27.602	30.000	32.371	37.032	46.6	0.113	1443.1	197
140	2	225	-1.783	-1.788	0.27	0.10	34.296	27.608	30.006	32.378	37.040	45.8	0.125	1443.5	222
140	2	250	-1.794	-1.799	0.28	0.09	34.303	27.614	30.013	32.384	37.046	45.1	0.136	1443.8	247
140	2	275	-1.798	-1.804	0.29	0.09	34.314	27.623	30.022	32.393	37.055	44.1	0.147	1444.2	271
140	2	299	-1.793	-1.800	0.32	0.09	34.319	27.627	30.026	32.397	37.059	43.5	0.158	1444.7	295

ST_85 141

77 41 S
160 20 W



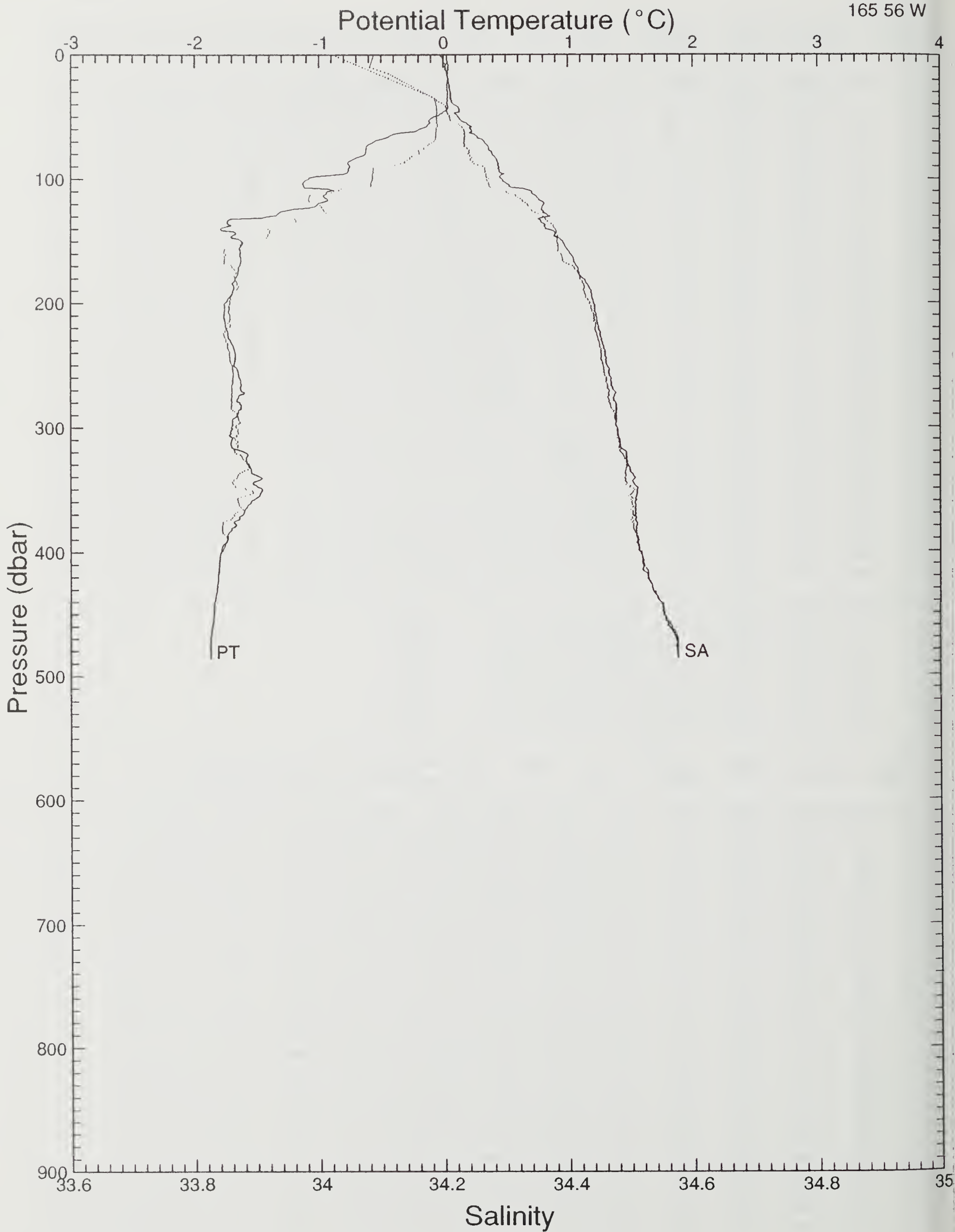
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.690	-160.335	637	998.7	330	5.2	0.0	9265	1741	02	FEB	1985	ST	85	1	141

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
141	1	0	-0.064	-0.064	1.80	1.80	34.011	27.311	29.684	32.030	36.642	75.3	0.000	1447.5	0
141	1	10	-0.075	-0.075	1.80	1.79	34.009	27.310	29.683	32.029	36.642	75.4	0.008	1447.6	9
141	1	20	-0.502	-0.503	1.38	1.36	34.028	27.345	29.725	32.077	36.703	72.0	0.015	1445.8	19
141	1	30	-0.895	-0.896	1.00	0.97	34.062	27.389	29.774	32.133	36.770	67.8	0.022	1444.2	29
141	1	40	-1.052	-1.053	0.85	0.82	34.142	27.460	29.847	32.208	36.849	61.0	0.028	1443.7	39
141	1	50	-1.182	-1.183	0.73	0.69	34.169	27.487	29.876	32.238	36.883	58.5	0.034	1443.3	49
141	1	60	-1.366	-1.367	0.55	0.51	34.180	27.502	29.894	32.259	36.909	56.9	0.040	1442.6	59
141	1	70	-1.409	-1.411	0.52	0.47	34.188	27.510	29.902	32.268	36.919	56.1	0.046	1442.6	69
141	1	80	-1.424	-1.426	0.51	0.45	34.197	27.517	29.910	32.276	36.928	55.3	0.051	1442.7	79
141	1	90	-1.474	-1.476	0.47	0.40	34.202	27.523	29.917	32.283	36.936	54.7	0.057	1442.6	89
141	1	100	-1.491	-1.493	0.46	0.39	34.205	27.526	29.920	32.287	36.940	54.4	0.062	1442.7	98
141	1	125	-1.554	-1.557	0.42	0.32	34.219	27.539	29.934	32.302	36.957	53.0	0.076	1442.8	123
141	1	150	-1.593	-1.596	0.40	0.28	34.234	27.553	29.948	32.316	36.973	51.6	0.089	1443.1	148
141	1	175	-1.676	-1.680	0.34	0.20	34.246	27.565	29.961	32.331	36.990	50.3	0.101	1443.1	173
141	1	200	-1.727	-1.731	0.30	0.15	34.260	27.578	29.975	32.345	37.006	48.9	0.114	1443.3	197
141	1	225	-1.742	-1.747	0.31	0.14	34.279	27.593	29.991	32.362	37.022	47.2	0.126	1443.6	222
141	1	250	-1.796	-1.801	0.27	0.09	34.294	27.607	30.005	32.377	37.039	45.7	0.138	1443.8	247
141	1	275	-1.880	-1.886	0.21	0.00	34.314	27.626	30.025	32.398	37.063	43.8	0.149	1443.8	271
141	1	300	-1.901	-1.907	0.21	-0.02	34.371	27.672	30.072	32.445	37.110	39.2	0.159	1444.2	296
141	1	325	-1.862	-1.869	0.27	0.03	34.412	27.705	30.104	32.476	37.139	36.0	0.168	1444.9	321
141	1	350	-1.826	-1.834	0.33	0.06	34.439	27.726	30.124	32.495	37.158	33.9	0.177	1445.5	345
141	1	375	-1.811	-1.820	0.36	0.08	34.456	27.739	30.137	32.508	37.170	32.5	0.186	1446.0	370
141	1	400	-1.811	-1.820	0.38	0.08	34.465	27.747	30.145	32.516	37.177	31.7	0.194	1446.4	395
141	1	425	-1.806	-1.816	0.41	0.09	34.473	27.753	30.151	32.522	37.183	31.0	0.201	1446.9	420
141	1	450	-1.800	-1.811	0.43	0.09	34.481	27.759	30.157	32.528	37.189	30.2	0.209	1447.3	444
141	1	475	-1.797	-1.808	0.45	0.10	34.491	27.767	30.165	32.536	37.197	29.4	0.217	1447.7	469
141	1	500	-1.803	-1.815	0.47	0.09	34.500	27.775	30.173	32.543	37.204	28.5	0.224	1448.1	494
141	1	550	-1.813	-1.827	0.50	0.08	34.532	27.801	30.199	32.570	37.231	25.7	0.237	1449.0	543
141	1	588	-1.838	-1.853	0.50	0.06	34.563	27.827	30.225	32.596	37.258	23.1	0.247	1449.5	580

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
141		3	-0.059	-0.059	34.014	27.313	10.34	11.5		60.5							12	3
141		29	-0.789	-0.790	34.047	27.372	8.79	18.0		69.5							11	29
141		62	-1.399	-1.400	34.179	27.501	7.38	27.0		74.0							9	61
141		90	-1.483	-1.485	34.200	27.520	7.21	27.5		74.5							8	89
141		152	-1.610	-1.613	34.226	27.546	7.09	28.0		74.5							5	150
141		171	-1.675	-1.679	34.239	27.559	6.44	28.0		74.0							4	169
141		199	-1.717	-1.721	34.257	27.573	6.94	27.5		73.0							3	197

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.695	-160.353	637	998.7	330	5.2	0.0	8525	1822	02	FEB	1985	ST	85	2	141

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
141	2	0	-0.059	-0.059	1.81	1.81	34.014	27.313	29.686	32.032	36.644	75.1	0.000	1447.5	0
141	2	10	-0.059	-0.059	1.81	1.81	34.014	27.313	29.686	32.032	36.644	75.1	0.008	1447.7	9
141	2	20	-0.061	-0.062	1.82	1.81	34.016	27.315	29.688	32.034	36.646	74.9	0.015	1447.9	19
141	2	30	-0.801	-0.802	1.09	1.07	34.047	27.373	29.757	32.114	36.748	69.3	0.022	1444.6	29
141	2	40	-1.090	-1.091	0.81	0.78	34.107	27.433	29.821	32.182	36.824	63.6	0.029	1443.5	39
141	2	50	-1.256	-1.257	0.66	0.62	34.155	27.478	29.868	32.232	36.879	59.3	0.035	1443.0	49
141	2	60	-1.399	-1.400	0.52	0.48	34.177	27.500	29.893	32.258	36.910	57.1	0.041	1442.5	59
141	2	70	-1.437	-1.439	0.49	0.44	34.185	27.508	29.901	32.267	36.920	56.3	0.047	1442.5	69
141	2	80	-1.468	-1.470	0.47	0.41	34.193	27.515	29.909	32.276	36.929	55.5	0.052	1442.5	79
141	2	90	-1.483	-1.485	0.46	0.39	34.198	27.520	29.914	32.281	36.934	55.0	0.058	1442.6	89
141	2	100	-1.478	-1.480	0.47	0.40	34.203	27.524	29.918	32.284	36.938	54.6	0.063	1442.8	98
141	2	125	-1.530	-1.533	0.44	0.35	34.213	27.534	29.928	32.296	36.950	53.5	0.077	1442.9	123
141	2	150	-1.603	-1.606	0.39	0.27	34.225	27.546	29.941	32.310	36.967	52.2	0.090	1443.0	148
141	2	175	-1.667	-1.671	0.34	0.21	34.240	27.560	29.956	32.326	36.985	50.7	0.103	1443.1	173
141	2	200	-1.723	-1.727	0.31	0.16	34.256	27.574	29.972	32.342	37.002	49.2	0.115	1443.3	197
141	2	225	-1.738	-1.743	0.31	0.14	34.276	27.591	29.988	32.359	37.020	47.5	0.127	1443.7	222
141	2	250	-1.792	-1.797	0.28	0.09	34.288	27.602	30.000	32.372	37.034	46.2	0.139	1443.8	247
141	2	275	-1.877	-1.883	0.21	0.01	34.309	27.621	30.021	32.394	37.058	44.2	0.150	1443.8	271
141	2	300	-1.865	-1.871	0.25	0.02	34.344	27.650	30.049	32.421	37.085	41.4	0.161	1444.4	296
141	2	325	-1.853	-1.860	0.28	0.04	34.401	27.696	30.094	32.466	37.130	36.9	0.171	1444.9	321
141	2	350	-1.847	-1.855	0.31	0.04	34.428	27.717	30.116	32.488	37.151	34.7	0.180	1445.4	345
141	2	375	-1.812	-1.821	0.36	0.08	34.452	27.736	30.134	32.505	37.167	32.8	0.188	1446.0	370
141	2	400	-1.808	-1.817	0.39	0.08	34.462	27.744	30.142	32.513	37.174	32.0	0.196	1446.4	395
141	2	425	-1.813	-1.823	0.40	0.08	34.472	27.752	30.150	32.521	37.183	31.0	0.204	1446.8	420



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.288	-165.937	526	999.7	110	4.6	0.0		0245	03	FEB	1985	ST	85	1	142

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
142	1	0	0.027	0.027	1.90	1.90	34.196	27.456	29.826	32.170	36.779	61.6	0.000	1448.2	0
142	1	10	0.040	0.040	1.92	1.92	34.203	27.461	29.831	32.175	36.783	61.1	0.006	1448.4	9
142	1	20	0.038	0.037	1.93	1.92	34.208	27.465	29.835	32.179	36.787	60.7	0.012	1448.6	19
142	1	30	0.038	0.037	1.94	1.92	34.212	27.468	29.839	32.182	36.790	60.4	0.018	1448.7	29
142	1	40	0.034	0.033	1.94	1.91	34.217	27.472	29.843	32.187	36.795	60.0	0.024	1448.9	39
142	1	50	-0.074	-0.076	1.84	1.80	34.224	27.484	29.856	32.201	36.812	58.9	0.030	1448.6	49
142	1	60	-0.191	-0.193	1.73	1.69	34.244	27.506	29.879	32.226	36.841	56.8	0.036	1448.2	59
142	1	70	-0.555	-0.557	1.38	1.32	34.266	27.540	29.919	32.272	36.897	53.4	0.042	1446.7	69
142	1	80	-0.625	-0.627	1.32	1.26	34.279	27.554	29.934	32.287	36.914	52.1	0.047	1446.6	79
142	1	90	-0.745	-0.748	1.20	1.14	34.289	27.567	29.949	32.304	36.935	50.8	0.052	1446.2	89
142	1	100	-1.076	-1.079	0.88	0.81	34.294	27.584	29.971	32.331	36.972	49.0	0.057	1444.8	98
142	1	125	-1.250	-1.253	0.73	0.64	34.358	27.642	30.032	32.394	37.039	43.4	0.069	1444.5	123
142	1	150	-1.610	-1.613	0.39	0.28	34.392	27.681	30.076	32.444	37.100	39.4	0.079	1443.2	148
142	1	175	-1.645	-1.649	0.38	0.24	34.418	27.704	30.099	32.468	37.124	37.2	0.088	1443.5	173
142	1	200	-1.753	-1.757	0.29	0.14	34.442	27.726	30.123	32.493	37.153	34.8	0.097	1443.4	197
142	1	225	-1.723	-1.728	0.34	0.17	34.452	27.734	30.130	32.500	37.158	34.0	0.106	1444.0	222
142	1	250	-1.678	-1.684	0.40	0.21	34.463	27.741	30.137	32.506	37.163	33.2	0.114	1444.6	247
142	1	275	-1.637	-1.643	0.46	0.25	34.475	27.750	30.145	32.513	37.169	32.3	0.123	1445.2	271
142	1	300	-1.695	-1.702	0.42	0.20	34.479	27.755	30.151	32.520	37.177	31.6	0.131	1445.4	296
142	1	325	-1.575	-1.583	0.56	0.32	34.494	27.763	30.157	32.525	37.178	30.8	0.138	1446.4	321
142	1	350	-1.444	-1.453	0.71	0.45	34.512	27.774	30.166	32.531	37.181	29.8	0.146	1447.4	345
142	1	375	-1.660	-1.669	0.52	0.23	34.508	27.777	30.173	32.541	37.198	29.1	0.153	1446.8	370
142	1	400	-1.776	-1.785	0.42	0.12	34.515	27.786	30.184	32.554	37.214	28.0	0.160	1446.7	395
142	1	425	-1.804	-1.814	0.41	0.09	34.532	27.801	30.198	32.569	37.230	26.5	0.167	1447.0	419
142	1	450	-1.832	-1.843	0.40	0.07	34.554	27.820	30.218	32.588	37.250	24.6	0.174	1447.3	444
142	1	475	-1.859	-1.870	0.40	0.04	34.575	27.837	30.236	32.607	37.269	22.7	0.180	1447.6	469
142	1	486	-1.859	-1.871	0.40	0.04	34.577	27.839	30.237	32.609	37.271	22.5	0.182	1447.7	480

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
142		2	-0.566	-0.566	34.086	27.351	8.97	11.5		60.5							11	2
142	1	31	-0.144	-0.145	34.168	27.442	9.02	11.5		60.5							10	31
142		55	-0.049	-0.051	34.221	27.478	9.10	12.5		65.0							9	54
142		89	-0.384	-0.387	34.251	27.525	8.69	14.0		65.0							8	88
142		169	-1.702	-1.706	34.403	27.692	6.60	27.5		74.5							4	167
142		199	-1.708	-1.712	34.439	27.719	6.49	28.0		74.0							3	196
142		487	-1.858	-1.870	34.580	27.838	6.50	28.0		75.5							1	481

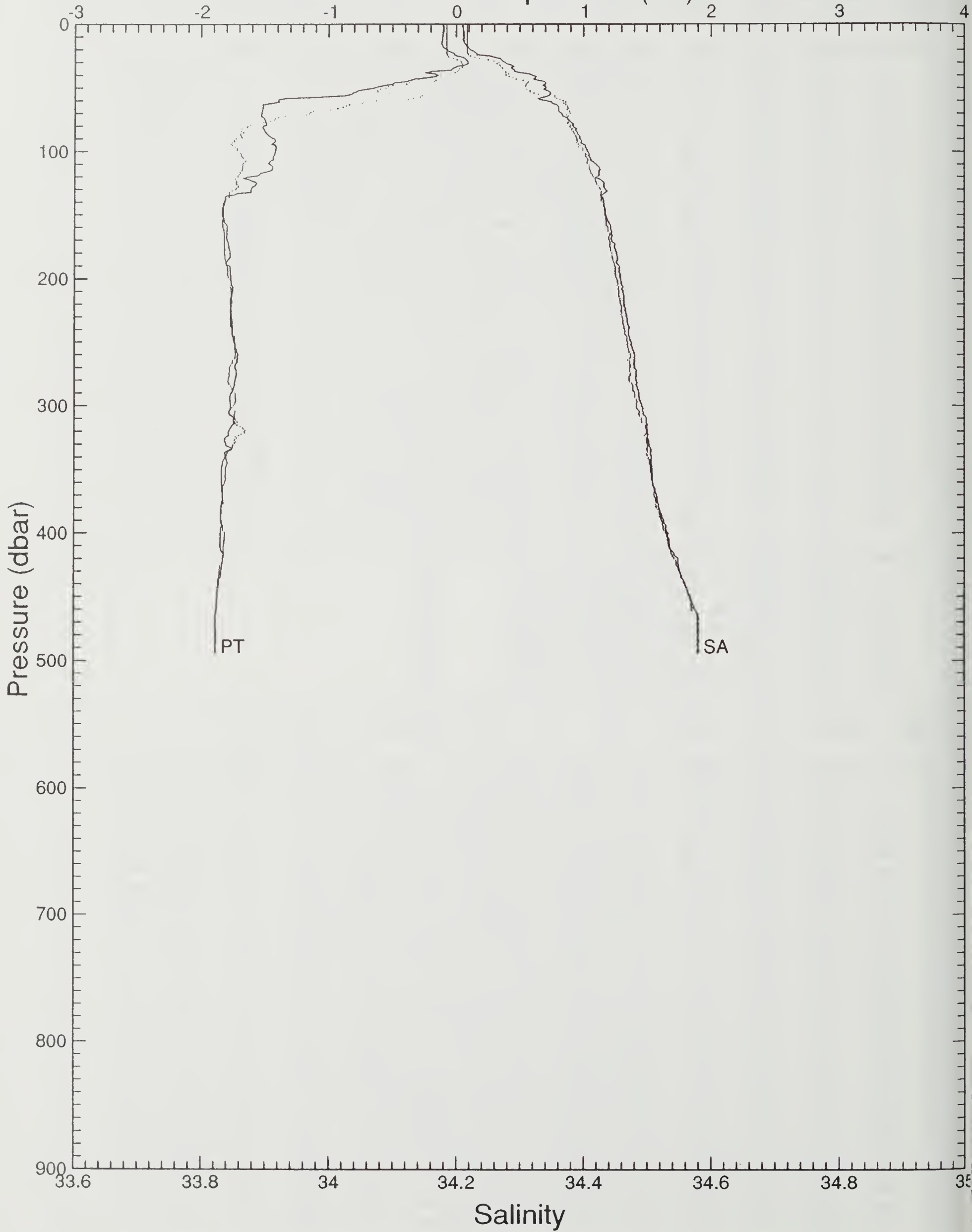
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.297	-165.912	526	999.7	110	4.6	0.0	2310	0327	03	FEB	1985	ST	85	2	142

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
142	2	0	-0.560	-0.560	1.31	1.31	34.023	27.344	29.724	32.078	36.705	72.2	0.000	1445.2	0
142	2	10	-0.590	-0.590	1.29	1.28	34.070	27.383	29.764	32.117	36.745	68.4	0.007	1445.3	9
142	2	20	-0.347	-0.348	1.54	1.53	34.117	27.410	29.787	32.137	36.757	65.8	0.014	1446.7	19
142	2	30	-0.162	-0.163	1.74	1.71	34.164	27.440	29.813	32.160	36.774	63.1	0.020	1447.8	29
142	2	40	-0.056	-0.057	1.85	1.82	34.201	27.464	29.836	32.181	36.792	60.7	0.026	1448.5	39
142	2	50	-0.052	-0.054	1.86	1.82	34.210	27.471	29.843	32.188	36.799	60.1	0.032	1448.7	49
142	2	60	-0.053	-0.055	1.87	1.82	34.233	27.490	29.861	32.206	36.817	58.3	0.038	1448.8	59
142	2	70	-0.074	-0.076	1.86	1.80	34.234	27.492	29.864	32.209	36.820	58.1	0.044	1448.9	69
142	2	80	-0.189	-0.192	1.75	1.69	34.240	27.502	29.876	32.223	36.837	57.1	0.050	1448.5	79
142	2	90	-0.546	-0.549	1.40	1.33	34.264	27.538	29.917	32.270	36.894	53.5	0.055	1447.1	89
142	2	100	-0.566	-0.569	1.39	1.31	34.273	27.547	29.926	32.278	36.904	52.7	0.061	1447.2	98
142	2	125	-0.957	-0.960	1.02	0.93	34.342	27.619	30.004	32.362	36.998	45.7	0.073	1445.8	123
142	2	150	-1.620	-1.623	0.38	0.27	34.383	27.674	30.070	32.438	37.094	40.1	0.084	1443.2	148
142	2	175	-1.657	-1.661	0.36	0.23	34.416	27.702	30.098	32.467	37.124	37.3	0.094	1443.4	173
142	2	200	-1.709	-1.713	0.33	0.18	34.436	27.720	30.116	32.486	37.144	35.4	0.103	1443.6	197
142	2	225	-1.757	-1.762	0.30	0.13	34.447	27.730	30.127	32.498	37.157	34.3	0.111	1443.8	222
142	2	250	-1.688	-1.694	0.39	0.20	34.457	27.737	30.133	32.502	37.159	33.6	0.120	1444.6	247
142	2	275	-1.688	-1.694	0.41	0.20	34.466	27.744	30.140	32.509	37.166	32.8	0.128	1445.0	271
142	2	300	-1.654	-1.661	0.46	0.24	34.479	27.754	30.149	32.517	37.174	31.8	0.136	1445.6	296
142	2	325	-1.603	-1.611	0.53	0.29	34.491	27.762	30.156	32.524	37.179	30.9	0.144	1446.2	321
142	2	350	-1.576	-1.585	0.58	0.32	34.505	27.772	30.166	32.533	37.187	29.8	0.152	1446.8	345
142	2	375	-1.734	-1.743	0.44	0.16	34.501	27.774	30.170	32.540	37.199	29.4	0.159	1446.4	370
142	2	400	-1.780	-1.789	0.42	0.11	34.518	27.789	30.186	32.556	37.216	27.8	0.166	1446.6	395
142	2	425	-1.803	-1.813	0.41	0.09	34.533	27.802	30.199	32.570	37.230	26.4	0.173	1447.0	419
142	2	450	-1.831	-1.842	0.41	0.07	34.555	27.820	30.218	32.589	37.251	24.5	0.179	1447.3	444
142	2	475	-1.859	-1.870	0.40	0.04	34.575	27.837	30.236	32.607	37.269	22.7	0.185	1447.6	469

ST_85 143

78 14 S
165 57 W

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.237	-165.945	527	999.7	73	1.5	0.0	8885	0411	03	FEB	1985	ST	85	1	143

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
143	1	0	-0.104	-0.104	1.77	1.77	34.211	27.475	29.847	32.193	36.805	59.8	0.000	1447.6	0
143	1	10	-0.106	-0.106	1.78	1.77	34.212	27.475	29.848	32.194	36.806	59.7	0.006	1447.8	9
143	1	20	-0.072	-0.073	1.82	1.81	34.222	27.482	29.854	32.199	36.810	59.1	0.012	1448.1	19
143	1	30	0.094	0.093	2.00	1.98	34.277	27.518	29.887	32.229	36.835	55.7	0.018	1449.1	29
143	1	40	-0.137	-0.138	1.78	1.75	34.320	27.564	29.937	32.283	36.895	51.3	0.023	1448.2	39
143	1	50	-0.644	-0.645	1.28	1.24	34.341	27.605	29.985	32.338	36.965	47.3	0.028	1446.1	49
143	1	60	-1.393	-1.394	0.54	0.49	34.342	27.634	30.026	32.391	37.040	44.4	0.033	1442.7	59
143	1	70	-1.523	-1.525	0.42	0.36	34.366	27.658	30.051	32.418	37.071	42.1	0.037	1442.3	69
143	1	80	-1.514	-1.516	0.43	0.37	34.384	27.672	30.065	32.432	37.085	40.7	0.041	1442.5	79
143	1	90	-1.421	-1.423	0.53	0.47	34.395	27.678	30.070	32.435	37.085	40.1	0.045	1443.1	89
143	1	100	-1.417	-1.419	0.55	0.47	34.407	27.688	30.079	32.444	37.094	39.1	0.049	1443.3	98
143	1	125	-1.561	-1.564	0.42	0.33	34.433	27.713	30.107	32.474	37.128	36.6	0.059	1443.1	123
143	1	150	-1.829	-1.832	0.17	0.06	34.434	27.722	30.120	32.491	37.153	35.5	0.068	1442.2	148
143	1	175	-1.776	-1.780	0.25	0.11	34.449	27.733	30.130	32.500	37.161	34.4	0.076	1442.9	173
143	1	200	-1.761	-1.765	0.28	0.13	34.459	27.740	30.137	32.507	37.167	33.5	0.085	1443.4	197
143	1	225	-1.764	-1.769	0.30	0.13	34.466	27.746	30.143	32.513	37.173	32.8	0.093	1443.8	222
143	1	250	-1.732	-1.738	0.35	0.16	34.476	27.753	30.150	32.519	37.178	32.0	0.101	1444.4	247
143	1	275	-1.714	-1.720	0.39	0.18	34.483	27.759	30.155	32.524	37.182	31.4	0.109	1444.9	271
143	1	300	-1.758	-1.765	0.36	0.14	34.492	27.767	30.164	32.534	37.193	30.4	0.117	1445.1	296
143	1	325	-1.803	-1.810	0.33	0.09	34.501	27.776	30.173	32.544	37.205	29.4	0.124	1445.3	321
143	1	350	-1.826	-1.834	0.33	0.07	34.508	27.782	30.180	32.551	37.212	28.7	0.131	1445.6	345
143	1	375	-1.821	-1.830	0.36	0.07	34.517	27.789	30.187	32.558	37.219	27.8	0.139	1446.0	370
143	1	400	-1.834	-1.843	0.36	0.06	34.534	27.803	30.201	32.572	37.234	26.4	0.145	1446.4	395
143	1	425	-1.822	-1.832	0.40	0.07	34.550	27.816	30.214	32.585	37.246	25.0	0.152	1446.9	419
143	1	450	-1.859	-1.869	0.38	0.04	34.568	27.832	30.230	32.601	37.263	23.4	0.158	1447.1	444
143	1	475	-1.869	-1.880	0.39	0.03	34.582	27.843	30.242	32.613	37.275	22.1	0.163	1447.5	469
143	1	494	-1.869	-1.881	0.40	0.03	34.580	27.842	30.240	32.612	37.274	22.2	0.168	1447.8	488

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
143	1	0	-0.074	-0.074	34.217	27.478		11.5		60.0							13	0
143		30	0.044	0.043	34.294	27.512	8.75	14.0		63.0							11	30
143		61	-0.726	-0.728	34.376	27.633		18.0		65.0							9	60
143		89	-1.678	-1.680	34.395	27.681	6.73	27.0		73.5							7	88
143		121	-1.730	-1.733	34.431	27.706	6.56	27.5		74.0							5	119
143		150	-1.820	-1.823	34.437	27.723	6.59	28.0		74.5							3	148
143		492	-1.869	-1.881	34.586	27.841	6.48	28.0		76.0							1	486

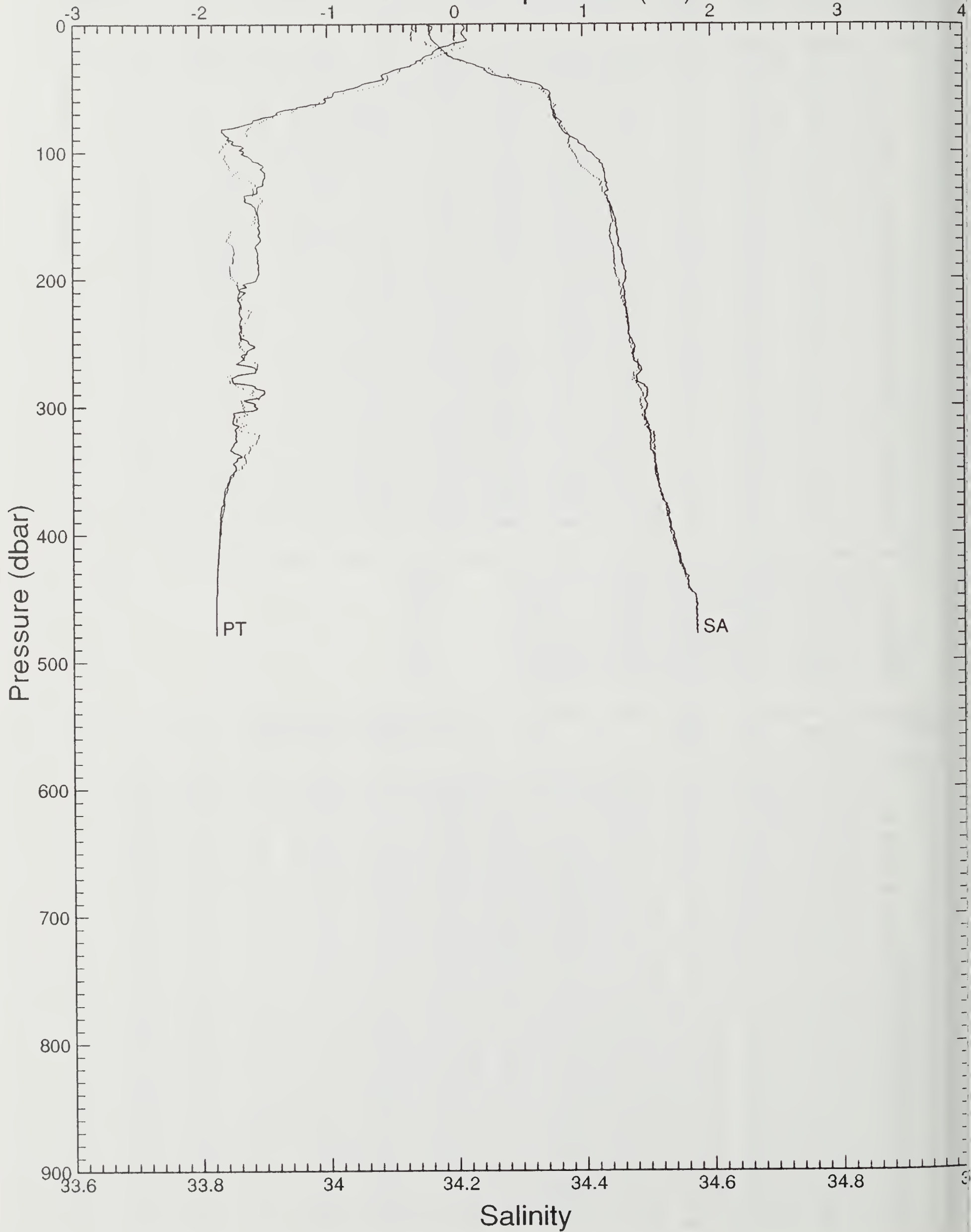
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.243	-165.960	527	999.7	73	1.5	0.0	7780	0451	03	FEB	1985	ST	85	2	143

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
143	2	0	-0.074	-0.074	1.80	1.80	34.217	27.478	29.850	32.195	36.806	59.5	0.000	1447.8	0
143	2	10	-0.074	-0.074	1.81	1.80	34.217	27.478	29.850	32.195	36.806	59.5	0.006	1447.9	9
143	2	20	-0.074	-0.075	1.82	1.80	34.217	27.478	29.850	32.195	36.806	59.5	0.012	1448.1	19
143	2	30	0.044	0.043	1.95	1.92	34.267	27.512	29.882	32.226	36.833	56.2	0.018	1448.8	29
143	2	40	-0.122	-0.123	1.79	1.76	34.278	27.530	29.902	32.248	36.860	54.5	0.023	1448.3	39
143	2	50	-0.551	-0.553	1.37	1.33	34.307	27.573	29.952	32.304	36.929	50.3	0.029	1446.5	49
143	2	60	-0.624	-0.626	1.31	1.26	34.368	27.626	30.006	32.359	36.985	45.3	0.033	1446.4	59
143	2	70	-1.149	-1.151	0.79	0.74	34.379	27.656	30.043	32.404	37.046	42.4	0.038	1444.1	69
143	2	80	-1.633	-1.635	0.31	0.25	34.379	27.672	30.067	32.435	37.092	40.7	0.042	1441.9	79
143	2	90	-1.722	-1.724	0.23	0.17	34.390	27.683	30.080	32.449	37.109	39.6	0.046	1441.7	89
143	2	100	-1.705	-1.707	0.26	0.18	34.401	27.691	30.088	32.457	37.116	38.7	0.050	1442.0	98
143	2	125	-1.721	-1.724	0.26	0.17	34.421	27.708	30.105	32.474	37.133	37.0	0.059	1442.3	123
143	2	150	-1.820	-1.823	0.18	0.07	34.436	27.723	30.121	32.492	37.154	35.4	0.068	1442.3	148
143	2	175	-1.811	-1.815	0.21	0.08	34.442	27.728	30.126	32.497	37.158	34.8	0.077	1442.7	173
143	2	200	-1.768	-1.772	0.27	0.12	34.453	27.736	30.133	32.503	37.163	33.9	0.086	1443.4	197
143	2	225	-1.756	-1.761	0.30	0.14	34.460	27.741	30.138	32.508	37.168	33.3	0.094	1443.8	222
143	2	250	-1.728	-1.734	0.35	0.16	34.469	27.748	30.144	32.514	37.172	32.6	0.102	1444.4	247
143	2	275	-1.771	-1.777	0.33	0.12	34.474	27.753	30.150	32.520	37.180	31.9	0.110	1444.6	271
143	2	300	-1.737	-1.744	0.38	0.16	34.483	27.759	30.156	32.525	37.184	31.2	0.118	1445.2	296
143	2	325	-1.709	-1.717	0.43	0.18	34.499	27.771	30.168	32.537	37.195	29.9	0.126	1445.7	321
143	2	350	-1.797	-1.805	0.36	0.10	34.506	27.780	30.177	32.548	37.208	28.9	0.133	1445.7	345
143	2	375	-1.812	-1.821	0.36	0.08	34.514	27.787	30.184	32.555	37.216	28.1	0.140	1446.1	370
143	2	400	-1.798	-1.807	0.40	0.10	34.530	27.799	30.197	32.567	37.228	26.8	0.147	1446.6	395
143	2	425	-1.835	-1.845	0.38	0.06	34.546	27.813	30.211	32.582	37.244	25.3	0.154	1446.8	419
143	2	450	-1.859	-1.869	0.38	0.04	34.568	27.832	30.230	32.601	37.263	23.4	0.160	1447.1	444
143	2	475	-1.870	-1.881	0.39	0.03	34.579	27.841	30.239	32.611	37.273	22.4	0.165	1447.5	469

ST_85 144

78 9 S
165 51 W

Potential Temperature ($^{\circ}\text{C}$)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.152	-165.842	522	999.7	29	4.1	-0.6		0538	03	FEB	1985	ST	85	1	144

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
144	1	0	0.063	0.063	1.94	1.94	34.157	27.422	29.793	32.136	36.744	64.7	0.000	1448.3	0
144	1	10	0.075	0.075	1.96	1.95	34.163	27.427	29.797	32.140	36.747	64.3	0.006	1448.5	9
144	1	20	-0.142	-0.143	1.75	1.73	34.181	27.452	29.825	32.172	36.785	61.9	0.013	1447.7	19
144	1	30	-0.298	-0.299	1.60	1.58	34.219	27.491	29.866	32.215	36.832	58.2	0.019	1447.2	29
144	1	40	-0.572	-0.573	1.34	1.31	34.259	27.535	29.915	32.267	36.893	53.9	0.024	1446.1	39
144	1	50	-0.792	-0.793	1.13	1.09	34.338	27.609	29.991	32.347	36.978	46.9	0.029	1445.4	49
144	1	60	-1.008	-1.010	0.92	0.88	34.350	27.627	30.013	32.371	37.009	45.2	0.034	1444.6	59
144	1	70	-1.391	-1.393	0.55	0.49	34.357	27.646	30.038	32.403	37.052	43.2	0.038	1442.9	69
144	1	80	-1.695	-1.697	0.25	0.19	34.364	27.661	30.058	32.427	37.086	41.7	0.043	1441.6	79
144	1	90	-1.782	-1.784	0.17	0.10	34.388	27.683	30.081	32.451	37.112	39.5	0.047	1441.4	89
144	1	100	-1.647	-1.649	0.32	0.24	34.408	27.695	30.091	32.459	37.116	38.3	0.051	1442.2	98
144	1	125	-1.497	-1.500	0.49	0.39	34.439	27.716	30.109	32.475	37.127	36.3	0.060	1443.4	123
144	1	150	-1.537	-1.540	0.47	0.35	34.449	27.726	30.119	32.486	37.139	35.3	0.069	1443.6	148
144	1	175	-1.560	-1.564	0.46	0.33	34.456	27.732	30.126	32.493	37.147	34.5	0.078	1443.9	173
144	1	200	-1.549	-1.554	0.49	0.34	34.468	27.741	30.135	32.502	37.155	33.5	0.086	1444.4	197
144	1	225	-1.684	-1.689	0.38	0.21	34.468	27.745	30.141	32.510	37.168	32.9	0.095	1444.2	222
144	1	250	-1.611	-1.617	0.47	0.28	34.478	27.751	30.146	32.514	37.169	32.3	0.103	1445.0	247
144	1	275	-1.697	-1.703	0.40	0.20	34.487	27.761	30.157	32.526	37.184	31.2	0.111	1445.0	271
144	1	300	-1.557	-1.564	0.56	0.34	34.500	27.768	30.161	32.528	37.182	30.5	0.118	1446.1	296
144	1	325	-1.715	-1.723	0.42	0.18	34.505	27.776	30.173	32.542	37.200	29.4	0.126	1445.7	321
144	1	350	-1.718	-1.726	0.44	0.18	34.515	27.785	30.181	32.550	37.208	28.5	0.133	1446.1	345
144	1	375	-1.807	-1.816	0.37	0.09	34.526	27.796	30.194	32.564	37.225	27.2	0.140	1446.1	370
144	1	400	-1.839	-1.848	0.36	0.06	34.541	27.809	30.207	32.578	37.240	25.8	0.147	1446.4	395
144	1	425	-1.854	-1.864	0.36	0.04	34.555	27.821	30.219	32.590	37.252	24.5	0.153	1446.7	419
144	1	450	-1.864	-1.874	0.37	0.03	34.575	27.838	30.236	32.607	37.269	22.8	0.159	1447.1	444
144	1	475	-1.865	-1.876	0.39	0.03	34.576	27.838	30.237	32.608	37.270	22.6	0.164	1447.5	469
144	1	479	-1.865	-1.876	0.39	0.03	34.577	27.839	30.238	32.609	37.271	22.5	0.165	1447.6	473

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
144		2	-0.002	-0.002	34.143	27.407		11.0		60.0							13	2
144		29	-0.264	-0.265	34.269	27.481	8.19	16.5		64.0							11	29
144		60	-1.033	-1.035	34.352	27.626	6.96	22.0		68.5							9	59
144		90	-1.758	-1.760	34.352	27.675	7.46	27.5		73.5							7	89
144		119	-1.730	-1.732	34.420	27.705		28.0		74.0							5	118
144		150	-1.564	-1.567	34.446	27.723		28.5		76.0							3	148
144		480	-1.865	-1.876	34.579	27.839	6.49	28.0		77.0							1	474

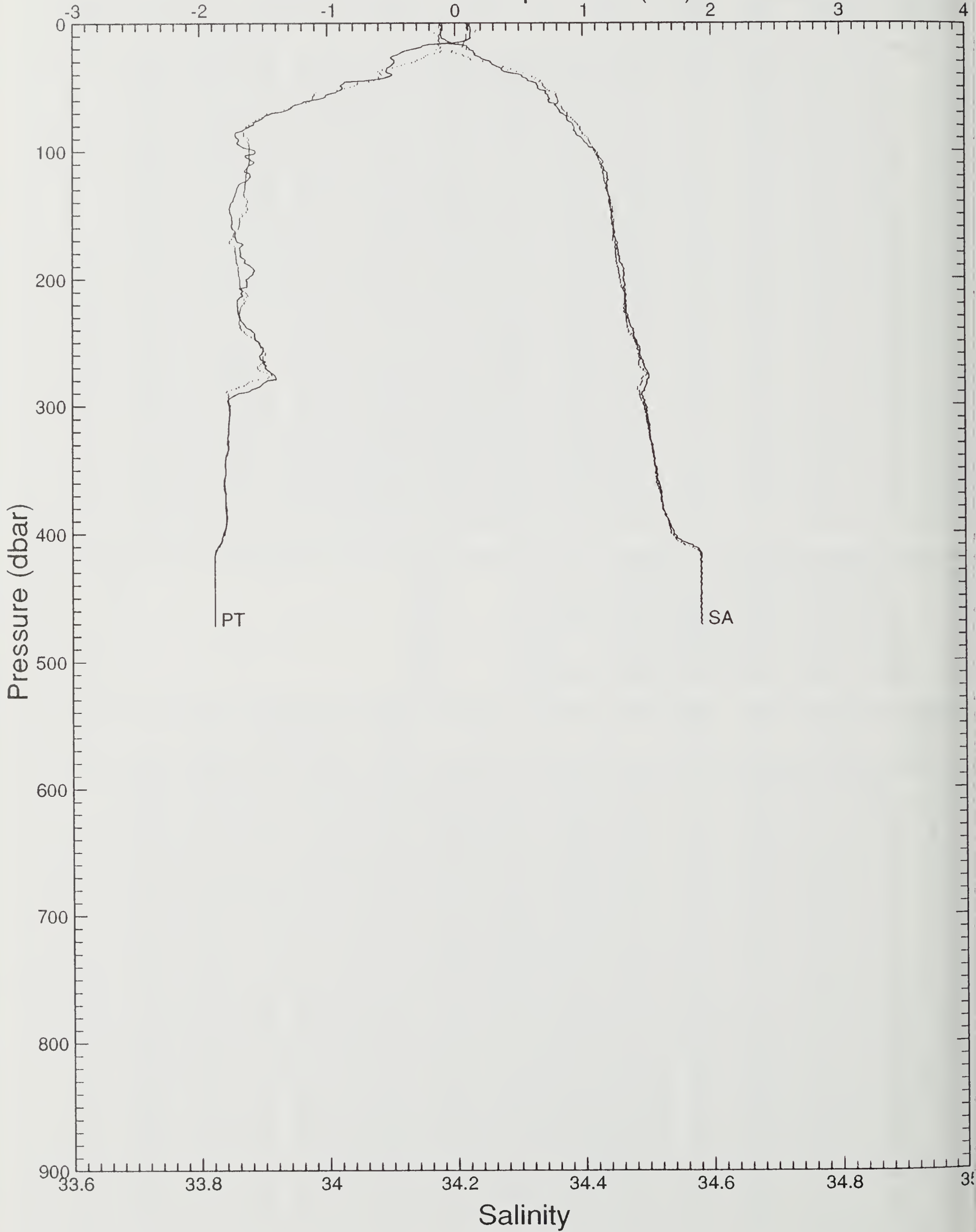
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.152	-165.822	522	999.7	29	4.1	-0.6		0616	03	FEB	1985	ST	85	2	144

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
144	2	0	-0.002	-0.002	1.87	1.87	34.135	27.408	29.779	32.124	36.734	66.1	0.000	1448.0	0
144	2	10	-0.007	-0.007	1.87	1.87	34.133	27.407	29.778	32.123	36.733	66.2	0.007	1448.1	9
144	2	20	-0.019	-0.020	1.87	1.86	34.180	27.445	29.817	32.161	36.771	62.6	0.013	1448.3	19
144	2	30	-0.247	-0.248	1.65	1.63	34.220	27.489	29.864	32.211	36.828	58.4	0.019	1447.4	29
144	2	40	-0.528	-0.529	1.38	1.35	34.284	27.554	29.932	32.284	36.908	52.2	0.025	1446.4	39
144	2	50	-0.668	-0.669	1.25	1.21	34.321	27.590	29.970	32.324	36.952	48.8	0.030	1445.9	49
144	2	60	-1.033	-1.035	0.90	0.85	34.348	27.626	30.012	32.372	37.010	45.2	0.034	1444.4	59
144	2	70	-1.359	-1.361	0.58	0.53	34.354	27.643	30.034	32.398	37.046	43.6	0.039	1443.1	69
144	2	80	-1.594	-1.596	0.35	0.29	34.368	27.661	30.056	32.424	37.079	41.7	0.043	1442.1	79
144	2	90	-1.758	-1.760	0.20	0.13	34.379	27.675	30.072	32.443	37.103	40.3	0.047	1441.5	89
144	2	100	-1.839	-1.841	0.12	0.05	34.384	27.681	30.080	32.452	37.114	39.6	0.051	1441.3	98
144	2	125	-1.558	-1.561	0.43	0.33	34.429	27.710	30.104	32.471	37.125	36.9	0.061	1443.1	123
144	2	150	-1.564	-1.567	0.44	0.33	34.445	27.723	30.117	32.484	37.138	35.5	0.070	1443.5	148
144	2	175	-1.731	-1.735	0.29	0.16	34.448	27.730	30.127	32.497	37.156	34.6	0.079	1443.1	173
144	2	200	-1.731	-1.735	0.31	0.16	34.455	27.736	30.133	32.502	37.161	33.9	0.087	1443.5	197
144	2	225	-1.591	-1.596	0.47	0.30	34.469	27.744	30.138	32.505	37.160	33.2	0.096	1444.6	222
144	2	250	-1.687	-1.693	0.39	0.20	34.473	27.750	30.145	32.514	37.172	32.4	0.104	1444.6	247
144	2	275	-1.752	-1.758	0.35	0.14	34.479	27.756	30.153	32.523	37.183	31.6	0.112	1444.7	271
144	2	300	-1.645	-1.652	0.47	0.25	34.490	27.762	30.157	32.526	37.182	31.0	0.119	1445.6	296
144	2	325	-1.536	-1.544	0.60	0.36	34.510	27.775	30.169	32.535	37.188	29.7	0.127	1446.6	321
144	2	350	-1.713	-1.721	0.44	0.18	34.512	27.782	30.178	32.547	37.205	28.8	0.134	1446.1	345
144	2	375	-1.799	-1.808	0.38	0.10	34.526	27.796	30.193	32.564	37.224	27.2	0.141	1446.2	370
144	2	400	-1.834	-1.843	0.36	0.06	34.537	27.806	30.204	32.575	37.236	26.1	0.148	1446.4	395
144	2	425	-1.853	-1.863	0.36	0.04	34.551	27.818	30.216	32.587	37.249	24.8	0.154	1446.7	419
144	2	450	-1.865	-1.875	0.37	0.03	34.575	27.838	30.236	32.607	37.269	22.8	0.160	1447.1	444
144	2	475	-1.865	-1.876	0.39	0.03	34.576	27.838	30.237	32.608	37.270	22.6	0.166	1447.5	469

ST_85 145

78 4 S
165 43 W

Potential Temperature (°C)



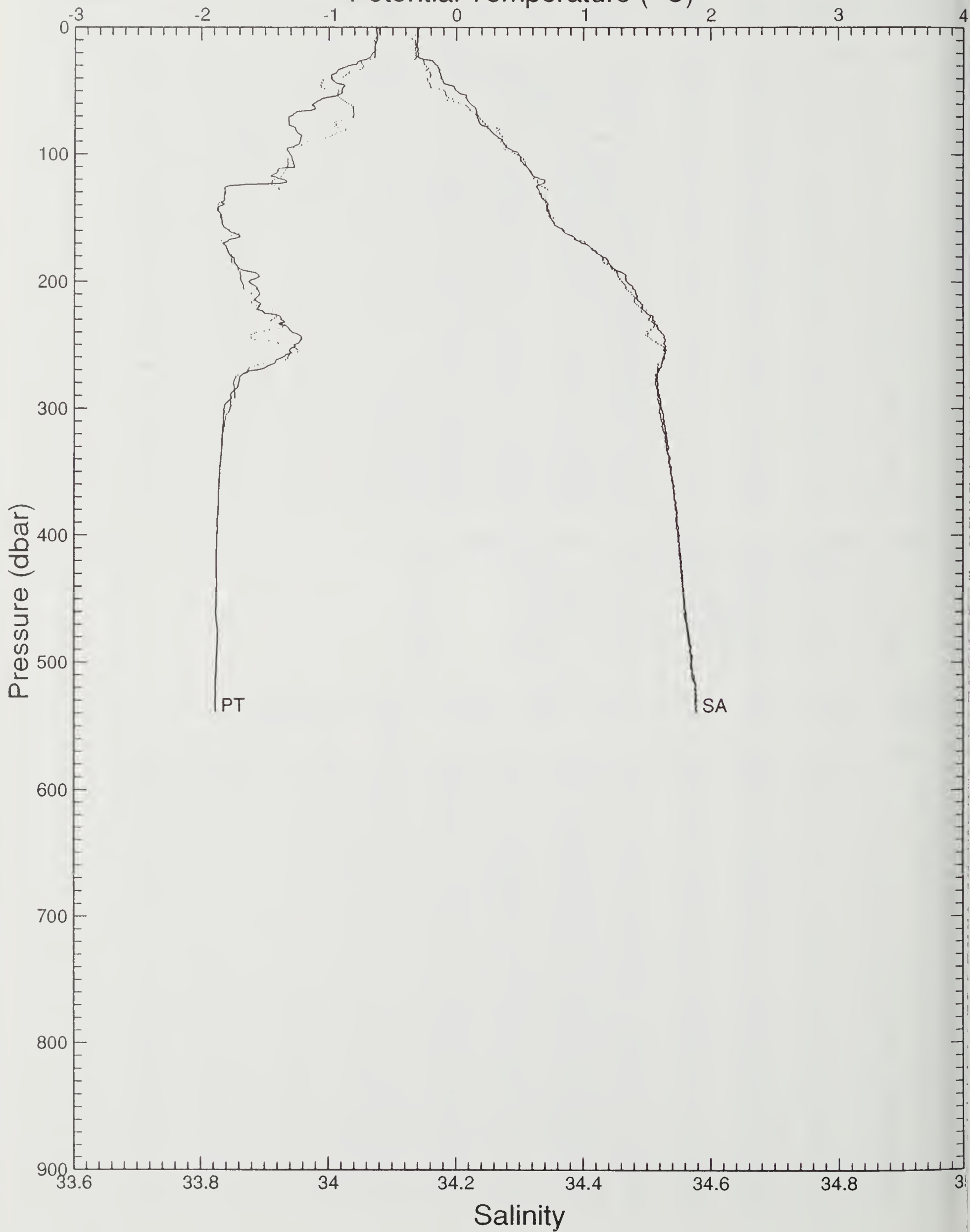
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.075	-165.720	515	1000.0	325	2.6	-1.1		0655	03	FEB	1985	ST	85	1	145

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
145	1	0	0.115	0.115	1.99	1.99	34.177	27.436	29.805	32.148	36.754	63.5	0.000	1448.6	0
145	1	10	0.117	0.117	2.00	1.99	34.178	27.437	29.806	32.148	36.754	63.4	0.006	1448.7	9
145	1	20	-0.303	-0.304	1.59	1.57	34.223	27.494	29.869	32.218	36.836	57.9	0.012	1447.0	19
145	1	30	-0.475	-0.476	1.43	1.40	34.256	27.529	29.907	32.258	36.880	54.6	0.018	1446.4	29
145	1	40	-0.491	-0.492	1.42	1.39	34.300	27.565	29.943	32.294	36.917	51.2	0.023	1446.6	39
145	1	50	-0.882	-0.883	1.04	1.00	34.330	27.606	29.990	32.347	36.981	47.2	0.028	1445.0	49
145	1	60	-1.121	-1.123	0.81	0.76	34.346	27.628	30.015	32.376	37.017	45.0	0.033	1444.0	59
145	1	70	-1.429	-1.431	0.51	0.46	34.365	27.654	30.046	32.411	37.062	42.5	0.037	1442.7	69
145	1	80	-1.600	-1.602	0.35	0.29	34.385	27.675	30.070	32.438	37.094	40.4	0.041	1442.1	79
145	1	90	-1.690	-1.692	0.27	0.20	34.399	27.689	30.086	32.455	37.113	39.0	0.045	1441.9	89
145	1	100	-1.560	-1.562	0.40	0.33	34.420	27.703	30.097	32.464	37.118	37.7	0.049	1442.7	98
145	1	125	-1.672	-1.675	0.31	0.22	34.438	27.721	30.116	32.485	37.142	35.8	0.058	1442.6	123
145	1	150	-1.747	-1.750	0.26	0.14	34.445	27.728	30.125	32.495	37.155	34.9	0.067	1442.6	148
145	1	175	-1.680	-1.684	0.34	0.21	34.454	27.734	30.130	32.499	37.156	34.3	0.076	1443.4	173
145	1	200	-1.629	-1.634	0.41	0.26	34.463	27.740	30.135	32.503	37.158	33.6	0.084	1444.0	197
145	1	225	-1.691	-1.696	0.37	0.20	34.467	27.745	30.141	32.510	37.167	33.0	0.093	1444.1	222
145	1	250	-1.519	-1.525	0.56	0.37	34.484	27.754	30.147	32.513	37.165	32.2	0.101	1445.4	247
145	1	275	-1.413	-1.420	0.69	0.48	34.502	27.765	30.156	32.521	37.170	31.1	0.109	1446.3	271
145	1	300	-1.758	-1.765	0.36	0.14	34.498	27.772	30.169	32.539	37.198	30.0	0.116	1445.1	296
145	1	325	-1.772	-1.779	0.37	0.12	34.505	27.778	30.175	32.545	37.205	29.2	0.124	1445.4	321
145	1	350	-1.786	-1.794	0.37	0.11	34.515	27.787	30.184	32.554	37.214	28.3	0.131	1445.8	345
145	1	375	-1.785	-1.794	0.39	0.11	34.523	27.793	30.190	32.561	37.221	27.5	0.138	1446.2	370
145	1	400	-1.807	-1.816	0.39	0.09	34.541	27.808	30.206	32.576	37.237	25.9	0.145	1446.5	395
145	1	425	-1.871	-1.881	0.35	0.03	34.583	27.844	30.243	32.614	37.276	22.3	0.151	1446.7	419
145	1	450	-1.870	-1.880	0.37	0.03	34.582	27.843	30.242	32.613	37.275	22.3	0.156	1447.1	444
145	1	472	-1.870	-1.881	0.38	0.03	34.585	27.846	30.244	32.616	37.278	21.9	0.161	1447.5	466

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
145		1	0.093	0.093	34.190	27.436		14.0		46.0							13	1
145		29	-0.295	-0.296	34.275	27.495	8.06	17.5		65.0							11	28
145		58	-1.112	-1.113	34.365	27.639	7.15	23.0		67.5							9	57
145		89	-1.619	-1.621	34.408	27.694	6.46	27.5		73.0							7	88
145		119	-1.632	-1.635	34.435	27.715	6.41	27.5		73.5							5	118
145		150	-1.654	-1.657	34.447	27.729		28.0		74.0							3	148
145		473	-1.870	-1.881	34.587	27.843	6.44	28.0		75.5							1	467

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.062	-165.757	515	1000.0	325	2.6	-1.1		0731	03	FEB	1985	ST	85	2	145

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
145	2	0	0.093	0.093	1.97	1.97	34.177	27.437	29.807	32.150	36.756	63.4	0.000	1448.5	0
145	2	10	0.089	0.089	1.97	1.96	34.174	27.435	29.805	32.148	36.754	63.6	0.006	1448.6	9
145	2	20	0.094	0.093	1.98	1.97	34.177	27.437	29.807	32.150	36.756	63.4	0.013	1448.8	19
145	2	30	-0.306	-0.307	1.60	1.57	34.244	27.511	29.887	32.235	36.853	56.3	0.019	1447.2	29
145	2	40	-0.579	-0.580	1.33	1.30	34.311	27.578	29.957	32.310	36.935	49.9	0.024	1446.2	39
145	2	50	-0.818	-0.819	1.10	1.07	34.340	27.611	29.994	32.350	36.982	46.7	0.029	1445.3	49
145	2	60	-1.121	-1.123	0.81	0.76	34.361	27.640	30.027	32.388	37.029	43.9	0.033	1444.0	59
145	2	70	-1.467	-1.469	0.47	0.42	34.376	27.664	30.057	32.423	37.074	41.5	0.038	1442.6	69
145	2	80	-1.628	-1.630	0.32	0.26	34.393	27.683	30.078	32.446	37.102	39.7	0.042	1442.0	79
145	2	90	-1.611	-1.613	0.34	0.28	34.409	27.695	30.090	32.458	37.114	38.4	0.046	1442.3	89
145	2	100	-1.605	-1.607	0.36	0.28	34.418	27.702	30.097	32.465	37.120	37.7	0.049	1442.5	98
145	2	125	-1.635	-1.638	0.35	0.25	34.435	27.717	30.112	32.480	37.137	36.2	0.059	1442.7	123
145	2	150	-1.654	-1.657	0.35	0.24	34.449	27.729	30.124	32.493	37.150	34.9	0.068	1443.1	148
145	2	175	-1.715	-1.719	0.31	0.18	34.451	27.732	30.129	32.498	37.157	34.4	0.076	1443.2	173
145	2	200	-1.679	-1.683	0.36	0.21	34.457	27.736	30.132	32.501	37.158	33.9	0.085	1443.8	197
145	2	225	-1.676	-1.681	0.39	0.22	34.466	27.744	30.139	32.508	37.165	33.1	0.093	1444.2	222
145	2	250	-1.529	-1.535	0.55	0.36	34.481	27.751	30.145	32.511	37.164	32.3	0.101	1445.3	247
145	2	275	-1.431	-1.438	0.67	0.46	34.499	27.763	30.155	32.519	37.169	31.2	0.109	1446.2	271
145	2	300	-1.750	-1.757	0.37	0.14	34.494	27.768	30.165	32.535	37.194	30.3	0.117	1445.1	296
145	2	325	-1.773	-1.780	0.37	0.12	34.504	27.777	30.174	32.545	37.204	29.3	0.124	1445.4	321
145	2	350	-1.787	-1.795	0.37	0.11	34.513	27.785	30.182	32.553	37.213	28.4	0.132	1445.8	345
145	2	375	-1.786	-1.795	0.39	0.11	34.521	27.791	30.189	32.559	37.219	27.7	0.139	1446.2	370
145	2	400	-1.792	-1.801	0.41	0.10	34.536	27.804	30.201	32.572	37.232	26.4	0.145	1446.6	395
145	2	425	-1.871	-1.881	0.35	0.03	34.583	27.844	30.243	32.614	37.276	22.3	0.151	1446.7	419
145	2	450	-1.870	-1.880	0.37	0.03	34.583	27.844	30.243	32.614	37.276	22.2	0.157	1447.1	444
145	2	467	-1.870	-1.881	0.38	0.03	34.582	27.843	30.242	32.613	37.276	22.2	0.161	1447.4	461

Potential Temperature ($^{\circ}\text{C}$)

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.243	-170.530	562	1001.0	225	3.6	-5.0	1370	1646	03	FEB	1985	ST	85	1	146

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
146	1	0	-0.630	-0.630	1.24	1.24	34.141	27.442	29.823	32.177	36.805	62.9	0.000	1445.1	0
146	1	10	-0.621	-0.621	1.26	1.25	34.139	27.440	29.821	32.175	36.803	63.0	0.006	1445.3	9
146	1	20	-0.658	-0.659	1.23	1.21	34.141	27.444	29.825	32.179	36.808	62.7	0.013	1445.3	19
146	1	30	-0.846	-0.847	1.05	1.03	34.171	27.476	29.860	32.217	36.851	59.6	0.019	1444.6	29
146	1	40	-0.978	-0.979	0.93	0.90	34.176	27.485	29.871	32.230	36.868	58.7	0.025	1444.1	39
146	1	50	-0.897	-0.898	1.02	0.98	34.202	27.503	29.887	32.245	36.881	57.0	0.030	1444.7	49
146	1	60	-1.119	-1.121	0.80	0.76	34.223	27.528	29.916	32.277	36.919	54.5	0.036	1443.9	59
146	1	70	-1.312	-1.314	0.62	0.57	34.234	27.544	29.935	32.299	36.947	52.9	0.041	1443.1	69
146	1	80	-1.259	-1.261	0.68	0.62	34.253	27.557	29.947	32.311	36.957	51.6	0.047	1443.6	79
146	1	90	-1.225	-1.227	0.72	0.66	34.274	27.573	29.963	32.325	36.970	50.1	0.052	1443.9	89
146	1	100	-1.300	-1.302	0.66	0.58	34.298	27.595	29.986	32.349	36.996	47.9	0.057	1443.8	98
146	1	125	-1.782	-1.785	0.20	0.10	34.326	27.633	30.031	32.402	37.063	44.1	0.068	1441.9	123
146	1	150	-1.841	-1.844	0.16	0.04	34.350	27.654	30.053	32.424	37.088	41.9	0.079	1442.0	148
146	1	175	-1.785	-1.789	0.24	0.10	34.420	27.709	30.107	32.477	37.138	36.6	0.089	1442.8	173
146	1	200	-1.618	-1.623	0.43	0.27	34.470	27.745	30.140	32.508	37.163	33.1	0.097	1444.1	197
146	1	225	-1.497	-1.502	0.57	0.40	34.500	27.766	30.159	32.524	37.176	31.1	0.105	1445.1	222
146	1	250	-1.263	-1.270	0.82	0.63	34.529	27.782	30.171	32.533	37.177	29.7	0.113	1446.7	247
146	1	275	-1.685	-1.691	0.42	0.21	34.517	27.785	30.181	32.550	37.207	28.9	0.120	1445.1	271
146	1	300	-1.809	-1.816	0.31	0.09	34.524	27.795	30.192	32.563	37.224	27.8	0.127	1444.9	296
146	1	325	-1.824	-1.831	0.32	0.07	34.533	27.802	30.200	32.571	37.232	26.9	0.134	1445.2	321
146	1	350	-1.840	-1.848	0.32	0.06	34.538	27.807	30.205	32.576	37.238	26.3	0.141	1445.6	345
146	1	375	-1.851	-1.859	0.33	0.05	34.546	27.814	30.212	32.583	37.245	25.5	0.147	1445.9	370
146	1	400	-1.864	-1.873	0.33	0.03	34.553	27.820	30.218	32.589	37.252	24.8	0.154	1446.3	395
146	1	425	-1.863	-1.873	0.35	0.03	34.554	27.820	30.219	32.590	37.252	24.6	0.160	1446.7	419
146	1	450	-1.865	-1.875	0.37	0.03	34.560	27.825	30.224	32.595	37.258	24.0	0.166	1447.1	444
146	1	475	-1.853	-1.864	0.40	0.04	34.566	27.830	30.228	32.599	37.261	23.4	0.172	1447.6	469
146	1	500	-1.862	-1.874	0.41	0.04	34.570	27.833	30.232	32.603	37.265	22.9	0.178	1448.0	494
146	1	539	-1.869	-1.882	0.43	0.03	34.578	27.840	30.239	32.610	37.272	22.1	0.186	1448.6	532

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
146	1	0	-0.619	-0.619	34.140	27.441		13.0		63.0							13	0
146		31	-0.726	-0.727	34.157	27.456	8.64	16.0		64.0							11	31
146		60	-0.844	-0.846	34.217	27.505	8.14	18.0		65.0							9	59
146	1	90	-1.167	-1.169	34.270	27.568	6.94	23.0		68.0							7	89
146	1	121	-1.437	-1.440	34.328	27.624	7.24	25.5		69.0							5	119
146		150	-1.831	-1.834	34.351	27.656	6.79	29.5		71.0							3	149
146		539	-1.869	-1.882	34.575	27.840	6.55	30.0		74.5							1	532

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.232	-170.487	562	1001.0	225	3.6	-5.0	2735	1725	03	FEB	1985	ST	85	2	146

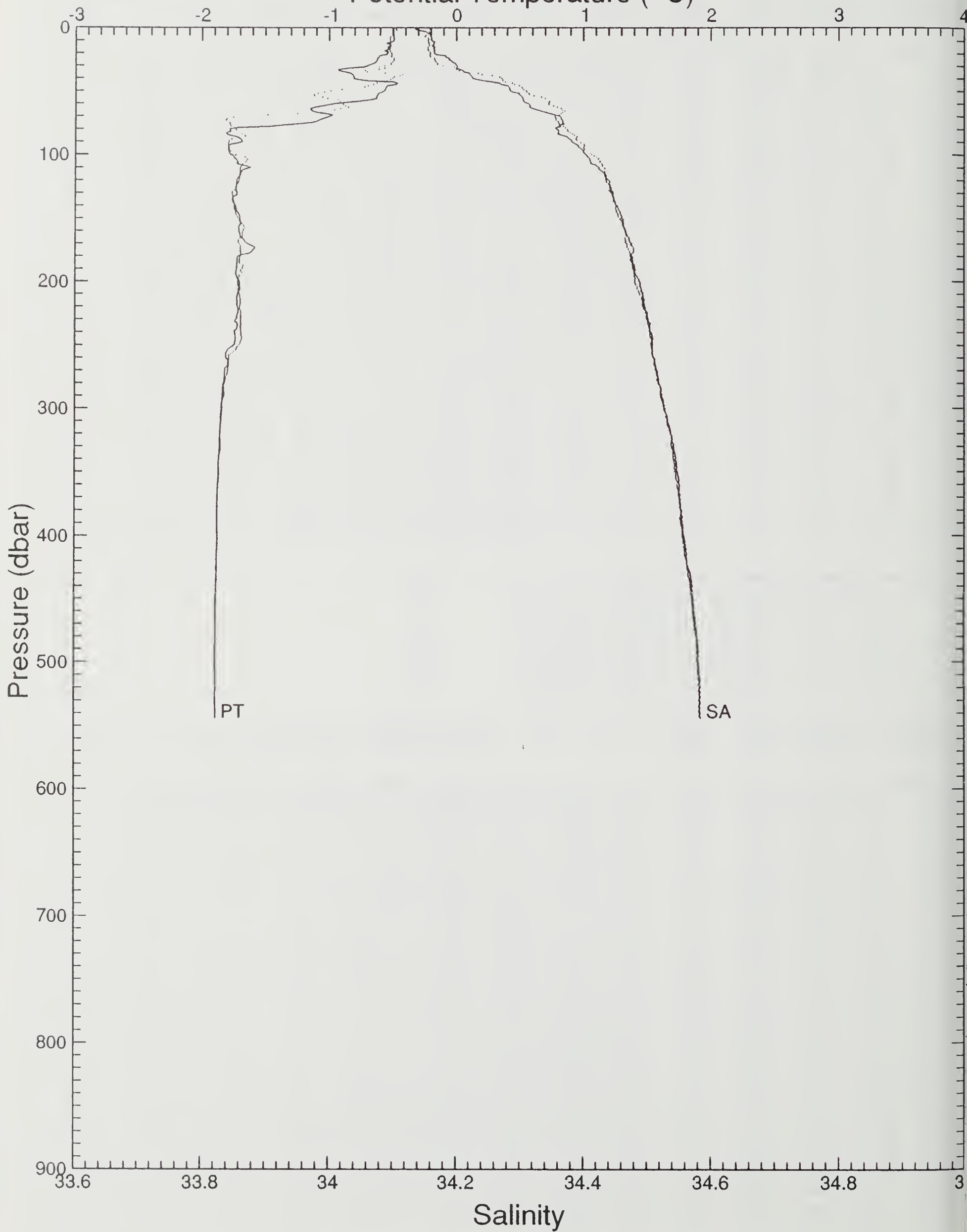
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
146	2	0	-0.619	-0.619	1.25	1.25	34.140	27.441	29.822	32.175	36.803	63.0	0.000	1445.1	0
146	2	10	-0.645	-0.645	1.23	1.23	34.136	27.439	29.820	32.174	36.803	63.1	0.006	1445.2	9
146	2	20	-0.638	-0.639	1.25	1.23	34.136	27.439	29.820	32.174	36.802	63.1	0.013	1445.4	19
146	2	30	-0.730	-0.731	1.17	1.14	34.153	27.456	29.839	32.194	36.825	61.4	0.019	1445.1	29
146	2	40	-0.980	-0.981	0.92	0.89	34.154	27.467	29.853	32.212	36.851	60.4	0.025	1444.1	39
146	2	50	-0.921	-0.922	0.99	0.95	34.182	27.487	29.873	32.231	36.867	58.4	0.031	1444.6	49
146	2	60	-0.844	-0.846	1.08	1.03	34.207	27.505	29.888	32.245	36.880	56.7	0.037	1445.1	59
146	2	70	-0.808	-0.810	1.12	1.07	34.237	27.528	29.911	32.267	36.900	54.6	0.042	1445.5	69
146	2	80	-0.866	-0.868	1.08	1.01	34.268	27.555	29.939	32.296	36.930	51.9	0.048	1445.4	79
146	2	90	-1.167	-1.169	0.78	0.71	34.270	27.568	29.956	32.318	36.961	50.6	0.053	1444.2	89
146	2	100	-1.374	-1.376	0.58	0.51	34.296	27.596	29.988	32.353	37.002	47.8	0.058	1443.4	98
146	2	125	-1.425	-1.428	0.55	0.46	34.335	27.629	30.022	32.387	37.038	44.5	0.069	1443.6	123
146	2	150	-1.831	-1.834	0.17	0.05	34.353	27.656	30.055	32.426	37.089	41.7	0.080	1442.1	148
146	2	175	-1.783	-1.787	0.24	0.11	34.416	27.706	30.103	32.474	37.135	36.9	0.090	1442.8	173
146	2	200	-1.676	-1.680	0.37	0.22	34.462	27.740	30.136	32.505	37.162	33.5	0.099	1443.8	197
146	2	225	-1.491	-1.496	0.57	0.40	34.502	27.767	30.160	32.526	37.177	31.0	0.107	1445.1	222
146	2	250	-1.346	-1.352	0.74	0.55	34.523	27.780	30.170	32.533	37.180	29.8	0.114	1446.3	247
146	2	275	-1.717	-1.723	0.38	0.18	34.515	27.785	30.181	32.550	37.208	28.9	0.122	1444.9	271
146	2	300	-1.763	-1.770	0.36	0.13	34.521	27.791	30.188	32.558	37.217	28.2	0.129	1445.1	296
146	2	325	-1.821	-1.828	0.32	0.07	34.529	27.799	30.197	32.567	37.229	27.2	0.136	1445.2	321
146	2	350	-1.842	-1.850	0.32	0.05	34.539	27.808	30.206	32.577	37.239	26.2	0.142	1445.6	345
146	2	375	-1.851	-1.859	0.33	0.05	34.545	27.813	30.211	32.582	37.244	25.6	0.149	1445.9	370
146	2	400	-1.860	-1.869	0.34	0.04	34.550	27.817	30.215	32.587	37.249	25.0	0.155	1446.3	395
146	2	425	-1.864	-1.874	0.35	0.03	34.554	27.820	30.219	32.590	37.253	24.6	0.161	1446.7	419
146	2	450	-1.864	-1.874	0.37	0.03	34.559	27.825	30.223	32.594	37.257	24.0	0.167	1447.1	444

ST_85 147

78 10 S

170 33 W

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.172	-170.547	553	1001.0	210	1.5	-6.1		1803	03	FEB	1985	ST	85	1	147

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
147	1	0	-0.496	-0.496	1.38	1.38	34.136	27.432	29.811	32.163	36.787	63.8	0.000	1445.7	0
147	1	10	-0.492	-0.492	1.39	1.38	34.161	27.453	29.831	32.183	36.807	61.9	0.006	1445.9	9
147	1	20	-0.543	-0.544	1.35	1.33	34.165	27.458	29.837	32.190	36.815	61.3	0.012	1445.8	19
147	1	30	-0.699	-0.700	1.20	1.18	34.201	27.494	29.875	32.230	36.860	57.9	0.018	1445.3	29
147	1	40	-0.807	-0.808	1.10	1.07	34.226	27.519	29.902	32.258	36.891	55.5	0.024	1445.0	39
147	1	50	-0.567	-0.569	1.35	1.31	34.285	27.556	29.935	32.288	36.913	51.9	0.029	1446.4	49
147	1	60	-0.955	-0.957	0.97	0.93	34.313	27.595	29.980	32.338	36.975	48.2	0.035	1444.8	59
147	1	70	-0.989	-0.991	0.95	0.90	34.363	27.637	30.022	32.381	37.018	44.2	0.039	1444.8	69
147	1	80	-1.778	-1.780	0.17	0.11	34.358	27.659	30.056	32.427	37.088	41.9	0.043	1441.2	79
147	1	90	-1.679	-1.681	0.28	0.21	34.381	27.674	30.071	32.440	37.098	40.4	0.048	1441.9	89
147	1	100	-1.772	-1.774	0.19	0.12	34.404	27.696	30.093	32.464	37.124	38.3	0.051	1441.6	98
147	1	125	-1.724	-1.727	0.26	0.17	34.441	27.725	30.121	32.491	37.149	35.4	0.061	1442.3	123
147	1	150	-1.697	-1.700	0.31	0.19	34.460	27.739	30.135	32.504	37.162	33.9	0.069	1442.9	148
147	1	175	-1.590	-1.594	0.43	0.30	34.479	27.752	30.146	32.513	37.168	32.7	0.078	1443.8	173
147	1	200	-1.695	-1.699	0.35	0.20	34.488	27.762	30.158	32.527	37.184	31.5	0.086	1443.7	197
147	1	225	-1.706	-1.711	0.36	0.19	34.501	27.773	30.169	32.538	37.196	30.3	0.093	1444.1	222
147	1	250	-1.736	-1.742	0.35	0.16	34.509	27.780	30.177	32.546	37.205	29.5	0.101	1444.4	247
147	1	275	-1.809	-1.815	0.29	0.09	34.517	27.789	30.186	32.557	37.218	28.5	0.108	1444.5	271
147	1	300	-1.828	-1.835	0.29	0.07	34.527	27.797	30.195	32.566	37.228	27.5	0.115	1444.8	296
147	1	325	-1.842	-1.849	0.30	0.05	34.540	27.808	30.206	32.578	37.239	26.3	0.122	1445.1	321
147	1	350	-1.852	-1.860	0.31	0.04	34.548	27.815	30.213	32.585	37.247	25.5	0.128	1445.5	345
147	1	375	-1.864	-1.872	0.31	0.03	34.553	27.820	30.218	32.589	37.252	24.9	0.135	1445.9	370
147	1	400	-1.860	-1.869	0.34	0.04	34.558	27.824	30.222	32.593	37.255	24.4	0.141	1446.3	395
147	1	425	-1.867	-1.877	0.35	0.03	34.564	27.829	30.227	32.598	37.261	23.8	0.147	1446.7	419
147	1	450	-1.870	-1.880	0.37	0.03	34.573	27.836	30.234	32.606	37.268	23.0	0.153	1447.1	444
147	1	475	-1.872	-1.883	0.38	0.03	34.578	27.840	30.239	32.610	37.273	22.4	0.158	1447.5	469
147	1	500	-1.872	-1.884	0.40	0.03	34.580	27.842	30.240	32.612	37.274	22.1	0.164	1447.9	494
147	1	544	-1.870	-1.883	0.44	0.03	34.585	27.846	30.244	32.616	37.278	21.5	0.173	1448.7	537

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
147	1	0	-0.474	-0.474	34.158	27.449		12.5		61.0							13	0
147		30	-0.564	-0.565	34.219	27.470	8.46	15.5		64.0							11	30
147		58	-0.912	-0.914	34.351	27.621	7.50	21.5		65.0							9	58
147	1	89	-1.787	-1.789	34.390	27.685	6.66	27.5		68.0							7	88
147	1	117	-1.700	-1.702	34.436	27.720	6.53	27.5		69.0							5	116
147		150	-1.713	-1.716	34.457	27.737	6.47	28.5		71.0							3	148
147		545	-1.870	-1.883	34.583	27.846	6.52	28.5		74.5							1	538

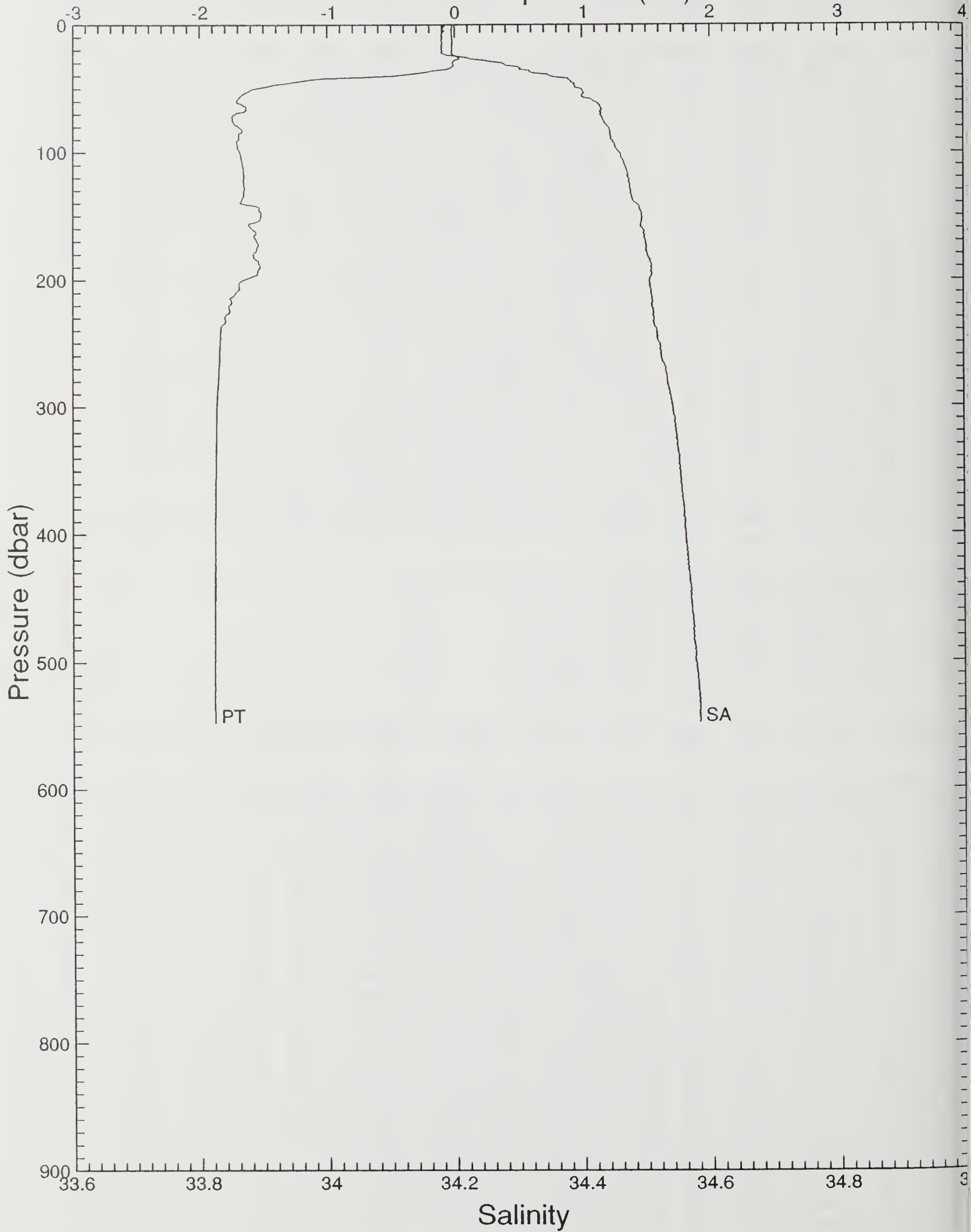
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.167	-170.597	553	1001.0	210	1.5	-6.1		1837	03	FEB	1985	ST	85	2	147

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
147	2	0	-0.474	-0.474	1.40	1.40	34.158	27.449	29.828	32.179	36.803	62.2	0.000	1445.8	0
147	2	10	-0.521	-0.521	1.36	1.35	34.155	27.449	29.828	32.180	36.805	62.2	0.006	1445.8	9
147	2	20	-0.509	-0.510	1.38	1.37	34.159	27.452	29.831	32.183	36.807	61.9	0.012	1446.0	19
147	2	30	-0.564	-0.565	1.33	1.31	34.179	27.470	29.850	32.203	36.829	60.1	0.019	1445.9	29
147	2	40	-0.500	-0.501	1.41	1.38	34.271	27.542	29.920	32.272	36.895	53.3	0.024	1446.5	39
147	2	50	-0.987	-0.988	0.93	0.90	34.310	27.594	29.979	32.338	36.975	48.3	0.029	1444.4	49
147	2	60	-0.891	-0.893	1.04	0.99	34.345	27.618	30.002	32.359	36.994	46.0	0.034	1445.1	59
147	2	70	-1.654	-1.655	0.28	0.23	34.355	27.653	30.048	32.417	37.075	42.6	0.038	1441.7	69
147	2	80	-1.731	-1.733	0.22	0.15	34.375	27.671	30.068	32.438	37.098	40.7	0.043	1441.5	79
147	2	90	-1.784	-1.786	0.17	0.10	34.393	27.687	30.085	32.456	37.117	39.1	0.047	1441.4	89
147	2	100	-1.731	-1.733	0.23	0.16	34.413	27.702	30.099	32.469	37.128	37.7	0.050	1441.9	98
147	2	125	-1.723	-1.726	0.26	0.17	34.441	27.725	30.121	32.491	37.149	35.4	0.060	1442.3	123
147	2	150	-1.713	-1.716	0.29	0.18	34.457	27.737	30.134	32.503	37.161	34.1	0.068	1442.8	148
147	2	175	-1.688	-1.692	0.34	0.20	34.471	27.748	30.144	32.513	37.170	33.0	0.077	1443.4	173
147	2	200	-1.707	-1.711	0.34	0.19	34.481	27.757	30.153	32.522	37.180	32.0	0.085	1443.7	197
147	2	225	-1.683	-1.688	0.38	0.21	34.498	27.770	30.165	32.534	37.191	30.6	0.093	1444.2	222
147	2	250	-1.695	-1.701	0.39	0.20	34.507	27.777	30.173	32.542	37.200	29.8	0.100	1444.6	247
147	2	275	-1.800	-1.806	0.30	0.10	34.518	27.789	30.187	32.557	37.218	28.4	0.107	1444.5	271
147	2	300	-1.834	-1.841	0.29	0.06	34.529	27.799	30.197	32.568	37.230	27.3	0.114	1444.8	296
147	2	325	-1.848	-1.855	0.29	0.05	34.539	27.808	30.206	32.577	37.239	26.4	0.121	1445.1	321
147	2	350	-1.849	-1.857	0.31	0.05	34.544	27.812	30.210	32.581	37.243	25.8	0.128	1445.5	345
147	2	375	-1.863	-1.871	0.32	0.03	34.552	27.819	30.217	32.588	37.251	25.0	0.134	1445.9	370
147	2	400	-1.863	-1.872	0.33	0.03	34.556	27.822	30.220	32.592	37.254	24.6	0.140	1446.3	395
147	2	425	-1.862	-1.872	0.35	0.04	34.564	27.829	30.227	32.598	37.260	23.8	0.146	1446.7	419
147	2	450	-1.869	-1.879	0.37	0.03	34.571	27.834	30.233	32.604	37.267	23.1	0.152	1447.1	444

ST_85 148

78 5 S
170 33 W

Potential Temperature ($^{\circ}\text{C}$)



STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
148	1	1	-0.021	-0.021	34.184	27.449		15.5		34.0							13	1
148		31	-0.013	-0.014	34.293	27.524	8.09	16.5		43.0							11	30
148		60	-1.707	-1.708	34.427	27.705	6.53	27.0		72.5							9	59
148	1	90	-1.691	-1.693	34.445	27.727	6.38	28.0		73.0							7	89
148		121	-1.651	-1.654	34.473	27.749	6.41	29.0		74.0							5	119
148		151	-1.515	-1.519	34.492	27.761	6.47	29.0		75.0							3	150

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.087	-170.543	550	1001.4	200	5.2	-5.6		1945	03	FEB	1985	ST	85	2	148

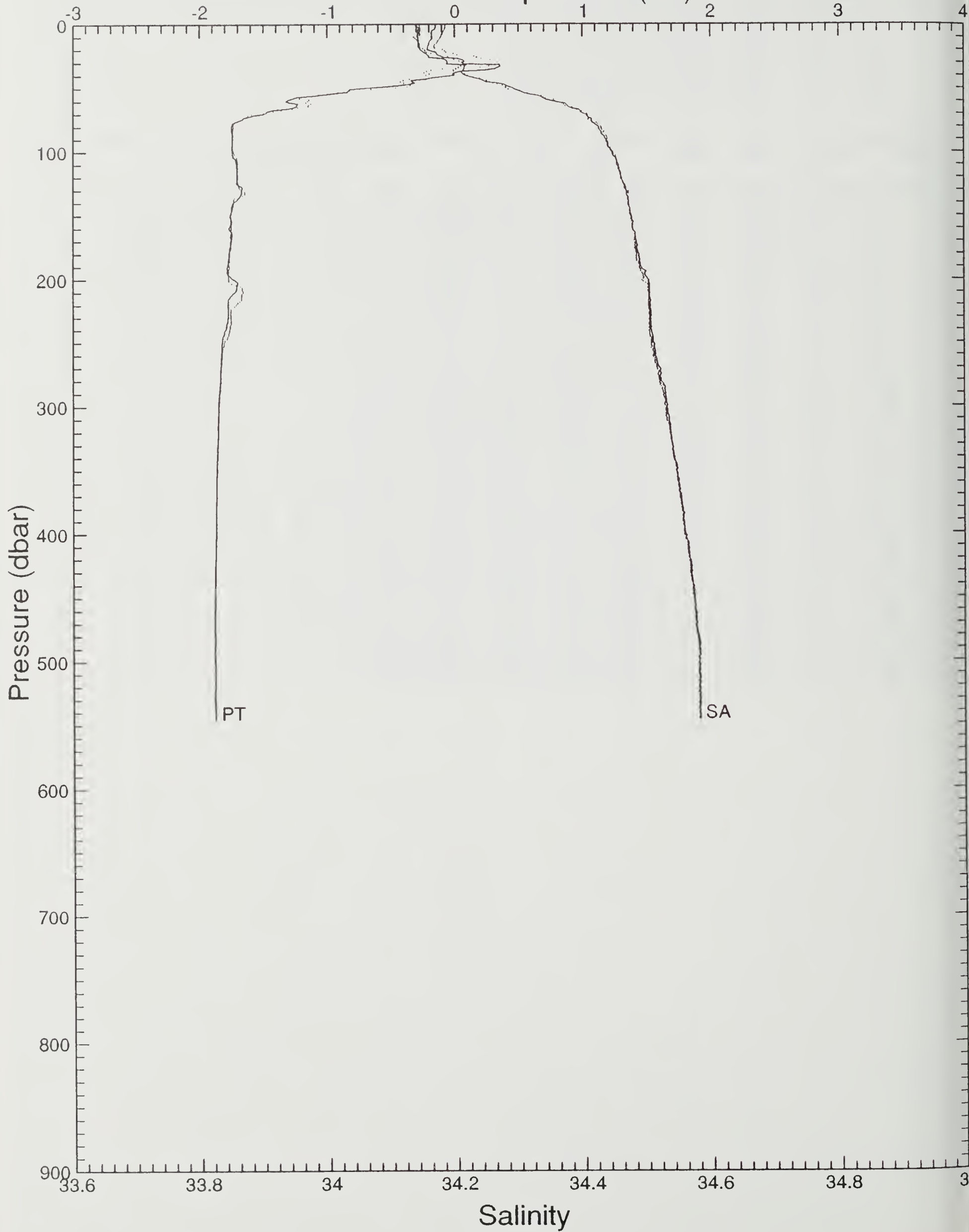
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
148	2	0	-0.021	-0.021	1.85	1.85	34.184	27.449	29.820	32.165	36.774	62.3	0.000	1447.9	0
148	2	10	-0.023	-0.023	1.86	1.85	34.180	27.445	29.817	32.162	36.772	62.6	0.006	1448.1	9
148	2	20	-0.021	-0.022	1.87	1.85	34.180	27.445	29.817	32.161	36.771	62.5	0.013	1448.3	19
148	2	30	-0.018	-0.019	1.89	1.86	34.274	27.521	29.892	32.236	36.845	55.4	0.018	1448.6	29
148	2	40	-0.481	-0.482	1.43	1.40	34.349	27.604	29.982	32.333	36.955	47.4	0.024	1446.7	39
148	2	50	-1.576	-1.577	0.35	0.31	34.398	27.685	30.080	32.447	37.102	39.6	0.028	1441.8	49
148	2	60	-1.707	-1.708	0.23	0.18	34.418	27.705	30.102	32.471	37.130	37.6	0.032	1441.3	59
148	2	70	-1.722	-1.723	0.22	0.17	34.429	27.715	30.111	32.481	37.140	36.7	0.036	1441.4	69
148	2	80	-1.687	-1.689	0.26	0.20	34.441	27.723	30.119	32.488	37.146	35.8	0.039	1441.8	79
148	2	90	-1.691	-1.693	0.27	0.20	34.445	27.727	30.123	32.492	37.150	35.4	0.043	1441.9	89
148	2	100	-1.681	-1.683	0.29	0.21	34.459	27.738	30.134	32.503	37.160	34.3	0.046	1442.2	98
148	2	125	-1.648	-1.651	0.34	0.24	34.475	27.750	30.145	32.513	37.170	33.1	0.055	1442.7	123
148	2	150	-1.514	-1.517	0.49	0.38	34.493	27.761	30.154	32.520	37.172	32.0	0.063	1443.8	148
148	2	175	-1.546	-1.550	0.48	0.35	34.501	27.768	30.162	32.528	37.181	31.1	0.071	1444.1	173
148	2	200	-1.657	-1.661	0.39	0.24	34.506	27.776	30.171	32.539	37.195	30.2	0.078	1444.0	197
148	2	225	-1.757	-1.762	0.31	0.14	34.512	27.783	30.180	32.550	37.209	29.3	0.086	1443.9	222
148	2	250	-1.834	-1.839	0.25	0.06	34.521	27.793	30.191	32.562	37.223	28.2	0.093	1443.9	247
148	2	275	-1.843	-1.849	0.26	0.05	34.533	27.803	30.201	32.572	37.234	27.1	0.100	1444.3	271
148	2	300	-1.857	-1.864	0.26	0.04	34.541	27.810	30.208	32.579	37.241	26.3	0.106	1444.7	296
148	2	325	-1.862	-1.869	0.28	0.03	34.547	27.815	30.213	32.584	37.247	25.7	0.113	1445.1	321
148	2	350	-1.865	-1.873	0.30	0.03	34.553	27.820	30.218	32.589	37.252	25.1	0.119	1445.5	345
148	2	375	-1.867	-1.875	0.31	0.03	34.558	27.824	30.222	32.594	37.256	24.5	0.126	1445.9	370
148	2	400	-1.868	-1.877	0.33	0.03	34.562	27.827	30.225	32.597	37.259	24.1	0.132	1446.3	395
148	2	425	-1.869	-1.879	0.35	0.03	34.564	27.829	30.227	32.599	37.261	23.8	0.138	1446.7	419
148	2	450	-1.870	-1.880	0.37	0.03	34.569	27.833	30.231	32.603	37.265	23.3	0.143	1447.1	444
148	2	475	-1.871	-1.882	0.38	0.03	34.572	27.835	30.234	32.605	37.268	22.9	0.149	1447.5	469
148	2	500	-1.872	-1.884	0.40	0.03	34.576	27.839	30.237	32.609	37.271	22.4	0.155	1447.9	494
148	2	548	-1.870	-1.883	0.44	0.03	34.582	27.843	30.242	32.613	37.276	21.7	0.166	1448.7	541

ST_85 149

77 60 S

170 27 W

Potential Temperature ($^{\circ}\text{C}$)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.993	-170.457	574	1001.4	212	1.0	-6.1		2035	03	FEB	1985	ST	85	1	149

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
149	1	0	-0.150	-0.150	1.72	1.72	34.139	27.419	29.792	32.139	36.753	65.1	0.000	1447.3	0
149	1	10	-0.182	-0.182	1.70	1.69	34.142	27.423	29.797	32.144	36.759	64.7	0.006	1447.3	9
149	1	20	-0.213	-0.214	1.67	1.66	34.146	27.427	29.802	32.150	36.765	64.2	0.013	1447.3	19
149	1	30	0.062	0.061	1.96	1.94	34.189	27.448	29.818	32.162	36.769	62.3	0.019	1448.8	29
149	1	40	0.000	-0.001	1.91	1.88	34.217	27.474	29.845	32.189	36.798	59.8	0.025	1448.7	39
149	1	50	-0.701	-0.702	1.22	1.18	34.291	27.567	29.948	32.302	36.932	50.9	0.031	1445.8	49
149	1	60	-1.322	-1.323	0.61	0.56	34.352	27.640	30.030	32.394	37.041	43.9	0.036	1443.1	59
149	1	70	-1.498	-1.500	0.44	0.39	34.401	27.685	30.078	32.445	37.097	39.5	0.040	1442.5	69
149	1	80	-1.745	-1.747	0.20	0.14	34.425	27.712	30.109	32.479	37.139	36.9	0.044	1441.5	79
149	1	90	-1.738	-1.740	0.22	0.15	34.436	27.721	30.118	32.487	37.147	36.0	0.047	1441.7	89
149	1	100	-1.741	-1.743	0.22	0.15	34.446	27.729	30.126	32.496	37.155	35.1	0.051	1441.8	98
149	1	125	-1.704	-1.707	0.28	0.19	34.464	27.743	30.139	32.508	37.166	33.7	0.059	1442.5	123
149	1	150	-1.756	-1.759	0.25	0.14	34.477	27.755	30.152	32.522	37.181	32.4	0.068	1442.6	148
149	1	175	-1.760	-1.764	0.26	0.13	34.485	27.761	30.158	32.528	37.188	31.7	0.076	1443.0	173
149	1	200	-1.722	-1.726	0.32	0.17	34.502	27.774	30.170	32.540	37.198	30.3	0.084	1443.6	197
149	1	225	-1.770	-1.775	0.29	0.12	34.507	27.780	30.177	32.547	37.206	29.7	0.091	1443.8	222
149	1	250	-1.818	-1.823	0.26	0.08	34.510	27.783	30.181	32.552	37.213	29.1	0.098	1444.0	247
149	1	275	-1.830	-1.836	0.27	0.07	34.523	27.794	30.192	32.563	37.225	27.9	0.105	1444.4	271
149	1	300	-1.845	-1.852	0.28	0.05	34.532	27.802	30.200	32.571	37.233	27.1	0.112	1444.7	296
149	1	325	-1.850	-1.857	0.29	0.05	34.539	27.808	30.206	32.577	37.239	26.4	0.119	1445.1	321
149	1	350	-1.857	-1.865	0.30	0.04	34.547	27.815	30.213	32.584	37.246	25.6	0.125	1445.5	345
149	1	375	-1.862	-1.870	0.32	0.04	34.554	27.820	30.219	32.590	37.252	24.9	0.132	1445.9	370
149	1	400	-1.864	-1.873	0.33	0.03	34.560	27.825	30.224	32.595	37.257	24.3	0.138	1446.3	395
149	1	425	-1.870	-1.880	0.35	0.03	34.569	27.833	30.231	32.603	37.265	23.4	0.144	1446.7	420
149	1	450	-1.872	-1.882	0.36	0.03	34.574	27.837	30.235	32.607	37.269	22.9	0.150	1447.1	444
149	1	475	-1.873	-1.884	0.38	0.03	34.577	27.839	30.238	32.609	37.272	22.5	0.155	1447.5	469
149	1	500	-1.871	-1.883	0.40	0.03	34.581	27.843	30.241	32.612	37.275	22.1	0.161	1447.9	494
149	1	546	-1.870	-1.883	0.44	0.03	34.581	27.843	30.241	32.613	37.275	21.8	0.171	1448.7	539

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
149		1	-0.074	-0.074	34.164	27.420		11.0		45.0							13	1
149		30	0.338	0.337	34.204	27.451		14.5		34.0							11	29
149		61	-1.163	-1.165	34.361	27.642	7.04	22.5		61.5							9	60
149	1	91	-1.739	-1.741	34.438	27.723	6.38	26.0		72.5							7	90
149	1	121	-1.704	-1.707	34.462	27.741	6.38	27.0		73.5							5	120
149		150	-1.758	-1.761	34.476	27.753	6.46	27.0		73.0							3	149
149		547	-1.870	-1.883	34.582	27.843	6.46	27.0		74.0							1	540

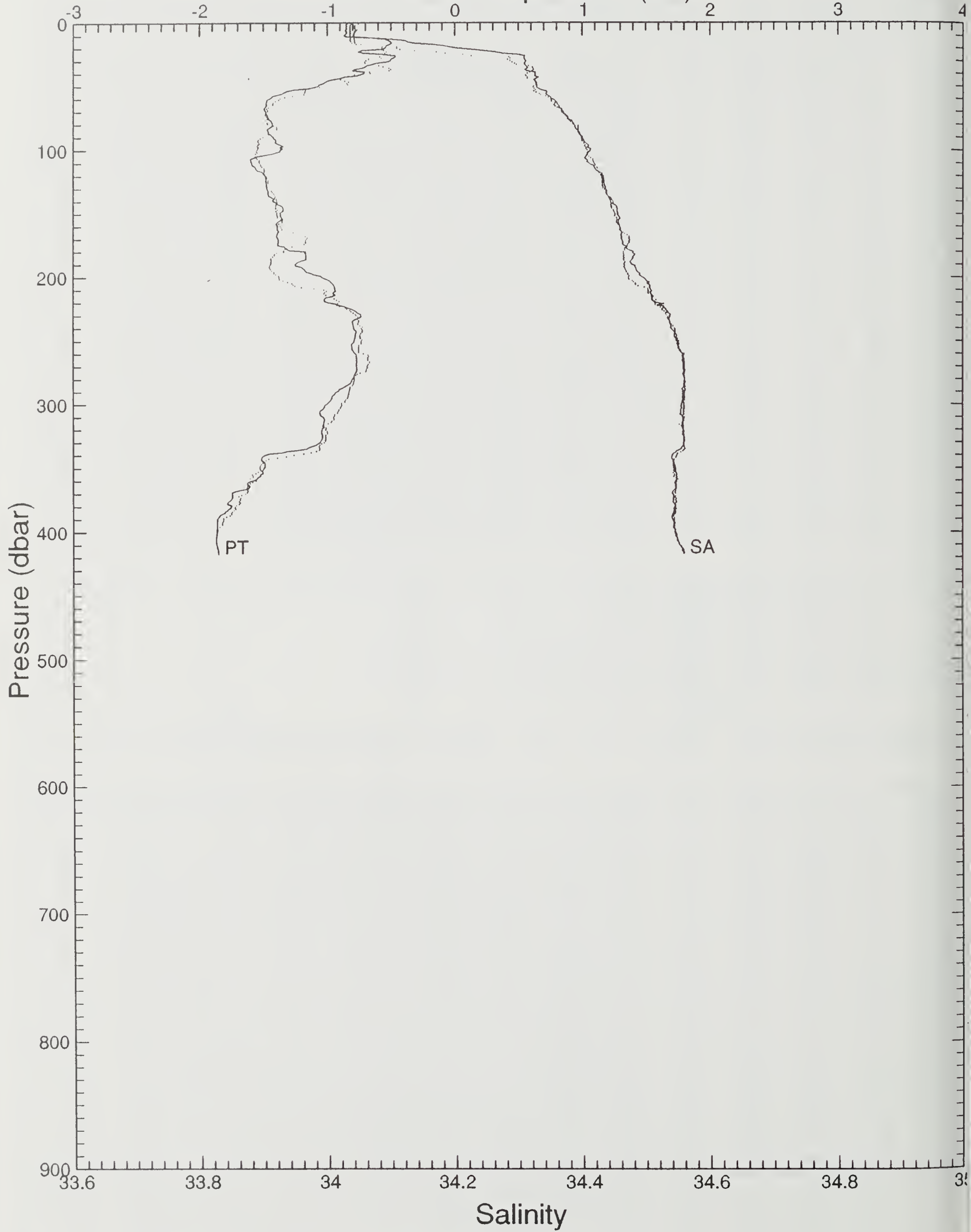
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.988	-170.453	574	1001.4	212	1.0	-6.1		2112	03	FEB	1985	ST	85	2	149

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
149	2	0	-0.074	-0.074	1.80	1.80	34.146	27.421	29.793	32.138	36.750	64.9	0.000	1447.7	0
149	2	10	-0.110	-0.110	1.77	1.76	34.136	27.414	29.787	32.133	36.746	65.5	0.007	1447.6	9
149	2	20	-0.095	-0.096	1.79	1.78	34.153	27.427	29.800	32.146	36.758	64.3	0.013	1447.9	19
149	2	30	0.338	0.337	2.24	2.21	34.211	27.451	29.817	32.156	36.756	62.0	0.019	1450.1	29
149	2	40	-0.225	-0.226	1.68	1.65	34.220	27.488	29.862	32.210	36.825	58.5	0.025	1447.7	39
149	2	50	-0.461	-0.463	1.46	1.42	34.280	27.547	29.925	32.276	36.898	52.8	0.031	1446.9	49
149	2	60	-1.150	-1.152	0.78	0.74	34.357	27.638	30.026	32.387	37.029	44.1	0.036	1443.9	59
149	2	70	-1.590	-1.592	0.35	0.30	34.407	27.693	30.088	32.455	37.110	38.7	0.040	1442.0	69
149	2	80	-1.733	-1.735	0.22	0.16	34.429	27.715	30.112	32.482	37.141	36.6	0.044	1441.5	79
149	2	90	-1.739	-1.741	0.22	0.15	34.439	27.723	30.120	32.490	37.149	35.7	0.047	1441.7	89
149	2	100	-1.730	-1.732	0.24	0.16	34.448	27.730	30.127	32.497	37.156	35.0	0.051	1441.9	98
149	2	125	-1.692	-1.695	0.29	0.20	34.465	27.743	30.139	32.508	37.166	33.7	0.059	1442.5	123
149	2	150	-1.758	-1.761	0.25	0.13	34.475	27.753	30.150	32.520	37.180	32.6	0.068	1442.6	148
149	2	175	-1.752	-1.756	0.27	0.14	34.483	27.760	30.156	32.526	37.186	31.8	0.076	1443.1	173
149	2	200	-1.767	-1.771	0.28	0.13	34.495	27.770	30.167	32.537	37.196	30.7	0.084	1443.4	197
149	2	225	-1.749	-1.754	0.31	0.14	34.505	27.777	30.174	32.544	37.203	29.9	0.091	1443.9	222
149	2	250	-1.802	-1.807	0.28	0.09	34.508	27.781	30.179	32.549	37.210	29.3	0.099	1444.1	247
149	2	275	-1.828	-1.834	0.27	0.07	34.518	27.790	30.188	32.559	37.220	28.3	0.106	1444.4	271
149	2	300	-1.844	-1.851	0.28	0.05	34.529	27.800	30.198	32.569	37.231	27.3	0.113	1444.7	296
149	2	325	-1.849	-1.856	0.29	0.05	34.538	27.807	30.205	32.576	37.238	26.4	0.119	1445.1	321
149	2	350	-1.858	-1.866	0.30	0.04	34.546	27.814	30.212	32.583	37.246	25.6	0.126	1445.5	345
149	2	375	-1.862	-1.870	0.32	0.04	34.553	27.820	30.218	32.589	37.251	24.9	0.132	1445.9	370
149	2	400	-1.863	-1.872	0.33	0.03	34.559	27.824	30.223	32.594	37.256	24.3	0.138	1446.3	395
149	2	425	-1.869	-1.879	0.35	0.03	34.567	27.831	30.230	32.601	37.263	23.6	0.144	1446.7	420
149	2	450	-1.872	-1.882	0.36	0.03	34.574	27.837	30.235	32.607	37.269	22.9	0.150	1447.1	444

ST_85 150

78 1 S
172 32 W

Potential Temperature ($^{\circ}\text{C}$)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.012	-172.537	451	1002.0	232	7.7	-6.7		2320	03	FEB	1985	ST	85	1	150

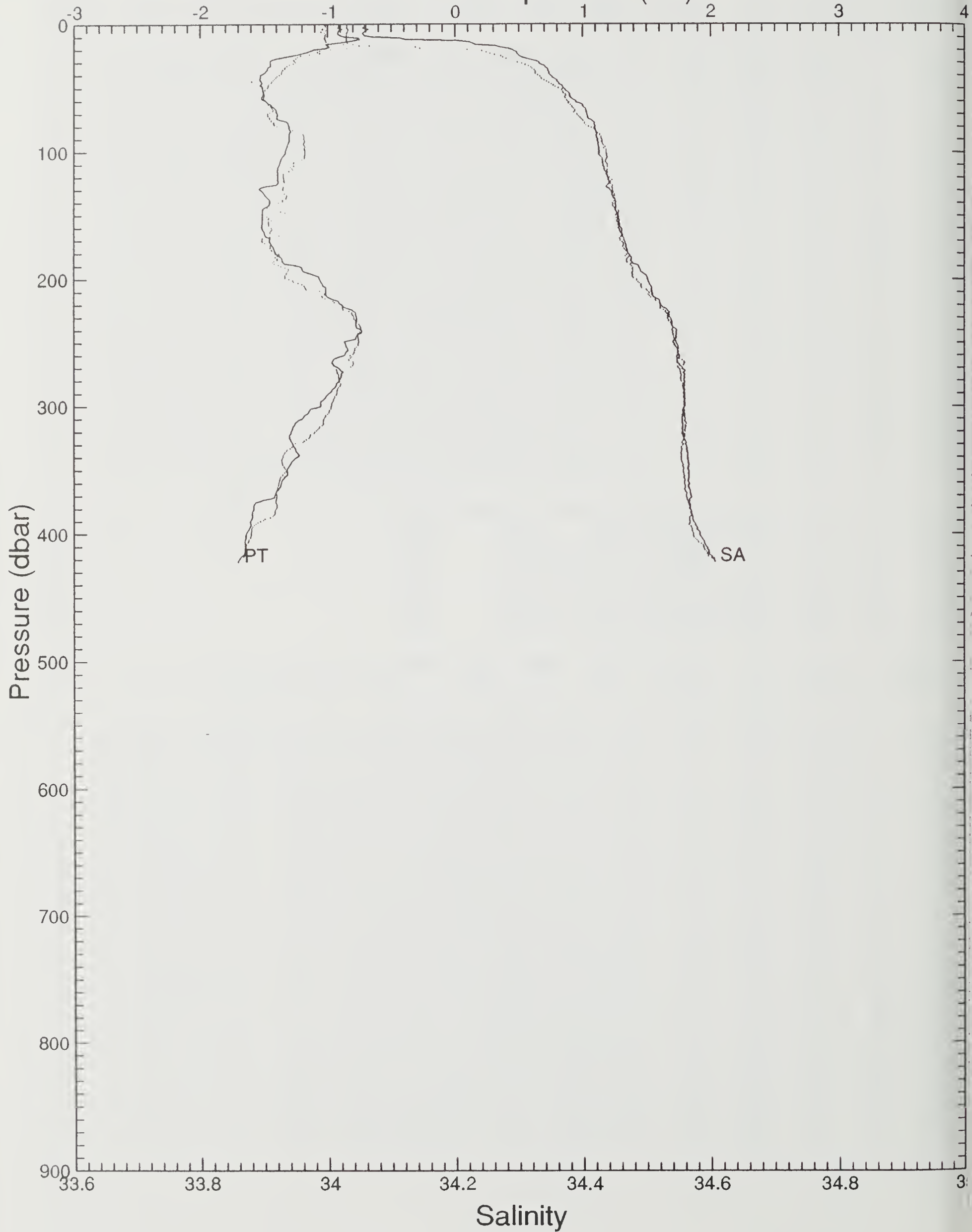
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
150	1	0	-0.806	-0.806	1.06	1.06	34.032	27.361	29.745	32.102	36.737	70.5	0.000	1444.1	0
150	1	10	-0.796	-0.796	1.08	1.07	34.026	27.356	29.740	32.097	36.731	71.0	0.007	1444.3	9
150	1	20	-0.545	-0.546	1.35	1.33	34.204	27.490	29.869	32.221	36.846	58.3	0.014	1445.9	19
150	1	30	-0.505	-0.506	1.40	1.38	34.312	27.575	29.953	32.305	36.928	50.2	0.019	1446.4	29
150	1	40	-0.712	-0.713	1.20	1.17	34.326	27.596	29.977	32.331	36.960	48.2	0.024	1445.6	39
150	1	50	-1.067	-1.068	0.85	0.82	34.329	27.612	29.999	32.359	36.998	46.6	0.029	1444.1	49
150	1	60	-1.450	-1.451	0.48	0.44	34.353	27.645	30.037	32.403	37.054	43.4	0.033	1442.5	59
150	1	70	-1.478	-1.480	0.46	0.41	34.371	27.660	30.053	32.419	37.071	41.9	0.037	1442.5	69
150	1	80	-1.427	-1.429	0.52	0.46	34.387	27.672	30.064	32.429	37.079	40.7	0.042	1442.9	79
150	1	90	-1.419	-1.421	0.54	0.47	34.401	27.683	30.075	32.440	37.089	39.7	0.046	1443.2	89
150	1	100	-1.365	-1.367	0.60	0.52	34.413	27.691	30.082	32.446	37.094	38.9	0.050	1443.6	98
150	1	125	-1.474	-1.477	0.51	0.42	34.434	27.711	30.104	32.470	37.121	36.8	0.059	1443.5	123
150	1	150	-1.362	-1.366	0.64	0.53	34.456	27.726	30.116	32.480	37.128	35.3	0.068	1444.5	148
150	1	175	-1.385	-1.389	0.64	0.51	34.465	27.734	30.125	32.489	37.137	34.5	0.077	1444.8	173
150	1	200	-1.034	-1.040	1.01	0.86	34.495	27.746	30.131	32.490	37.127	33.4	0.085	1446.9	197
150	1	225	-0.799	-0.806	1.27	1.10	34.532	27.766	30.148	32.503	37.133	31.6	0.093	1448.5	222
150	1	250	-0.780	-0.788	1.30	1.12	34.548	27.779	30.160	32.515	37.144	30.3	0.101	1449.0	247
150	1	275	-0.767	-0.776	1.34	1.13	34.561	27.789	30.170	32.524	37.153	29.3	0.108	1449.5	271
150	1	300	-0.996	-1.005	1.13	0.90	34.556	27.794	30.178	32.536	37.172	28.6	0.116	1448.8	296
150	1	325	-1.025	-1.035	1.12	0.87	34.560	27.798	30.183	32.542	37.178	28.1	0.123	1449.1	321
150	1	350	-1.484	-1.493	0.68	0.41	34.547	27.804	30.196	32.562	37.212	27.0	0.130	1447.3	345
150	1	375	-1.746	-1.755	0.43	0.15	34.544	27.809	30.206	32.575	37.234	26.1	0.136	1446.4	370
150	1	400	-1.856	-1.865	0.34	0.04	34.547	27.815	30.213	32.584	37.246	25.3	0.143	1446.3	395
150	1	417	-1.840	-1.850	0.37	0.06	34.560	27.825	30.223	32.594	37.255	24.3	0.147	1446.7	412

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
150	1	1	-0.754	-0.754	34.038	27.364		19.0		34.5							13	1
150	1	28	-0.575	-0.576	34.287	27.558	7.91	23.5		47.0							11	27
150	1	57	-1.180	-1.181	34.335	27.621	6.92	27.0		62.5							9	57
150		87	-1.458	-1.460	34.397	27.681	6.43	29.5		70.5							7	86
150		117	-1.488	-1.491	34.448	27.705	5.83	30.0		73.5							5	116
150	1	149	-1.389	-1.393	34.451	27.722	6.34	30.0		75.0							3	147
150	1	419	-1.840	-1.850	34.560	27.825	6.62	31.5		79.5							1	414

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.007	-172.597	451	1002.0	232	7.7	-6.7		2357	03	FEB	1985	ST	85	2	150

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
150	2	0	-0.754	-0.754	1.11	1.11	34.038	27.364	29.747	32.104	36.736	70.3	0.000	1444.4	0
150	2	10	-0.788	-0.788	1.09	1.08	34.036	27.364	29.748	32.104	36.738	70.3	0.007	1444.4	9
150	2	20	-0.571	-0.572	1.31	1.30	34.109	27.414	29.794	32.147	36.774	65.5	0.014	1445.6	19
150	2	30	-0.695	-0.696	1.21	1.19	34.287	27.563	29.944	32.299	36.928	51.3	0.020	1445.4	29
150	2	40	-0.661	-0.662	1.25	1.22	34.314	27.584	29.964	32.318	36.946	49.4	0.025	1445.8	39
150	2	50	-0.915	-0.916	1.01	0.97	34.324	27.602	29.987	32.344	36.979	47.5	0.030	1444.8	49
150	2	60	-1.367	-1.368	0.56	0.52	34.351	27.640	30.032	32.396	37.045	43.8	0.034	1442.9	59
150	2	70	-1.462	-1.464	0.48	0.42	34.368	27.657	30.050	32.416	37.067	42.1	0.038	1442.6	69
150	2	80	-1.463	-1.465	0.48	0.42	34.386	27.672	30.065	32.430	37.082	40.7	0.043	1442.8	79
150	2	90	-1.501	-1.503	0.46	0.39	34.399	27.684	30.077	32.443	37.096	39.5	0.047	1442.8	89
150	2	100	-1.545	-1.547	0.42	0.34	34.408	27.692	30.086	32.453	37.107	38.7	0.051	1442.7	98
150	2	125	-1.460	-1.463	0.52	0.43	34.431	27.709	30.101	32.466	37.117	37.0	0.060	1443.6	123
150	2	150	-1.391	-1.395	0.61	0.50	34.452	27.723	30.115	32.479	37.127	35.5	0.069	1444.3	148
150	2	175	-1.221	-1.226	0.80	0.67	34.471	27.733	30.122	32.483	37.126	34.6	0.078	1445.6	173
150	2	200	-1.369	-1.374	0.67	0.52	34.473	27.740	30.131	32.494	37.142	33.8	0.086	1445.3	197
150	2	225	-0.839	-0.846	1.23	1.06	34.526	27.763	30.146	32.501	37.132	31.8	0.095	1448.3	222
150	2	250	-0.723	-0.731	1.36	1.17	34.552	27.779	30.160	32.514	37.141	30.3	0.102	1449.3	247
150	2	275	-0.731	-0.740	1.37	1.17	34.559	27.785	30.166	32.520	37.148	29.7	0.110	1449.6	271
150	2	300	-0.877	-0.886	1.25	1.02	34.560	27.792	30.175	32.531	37.163	28.8	0.117	1449.4	296
150	2	325	-1.002	-1.012	1.14	0.90	34.560	27.797	30.182	32.540	37.176	28.2	0.124	1449.2	321
150	2	350	-1.516	-1.525	0.64	0.38	34.544	27.802	30.195	32.561	37.213	27.1	0.131	1447.1	345
150	2	375	-1.674	-1.683	0.50	0.22	34.547	27.809	30.205	32.573	37.230	26.1	0.138	1446.8	370
150	2	400	-1.852	-1.861	0.34	0.04	34.546	27.814	30.212	32.583	37.245	25.4	0.144	1446.3	395
150	2	417	-1.840	-1.850	0.37	0.06	34.560	27.825	30.223	32.594	37.255	24.3	0.148	1446.7	412

Potential Temperature (°C)



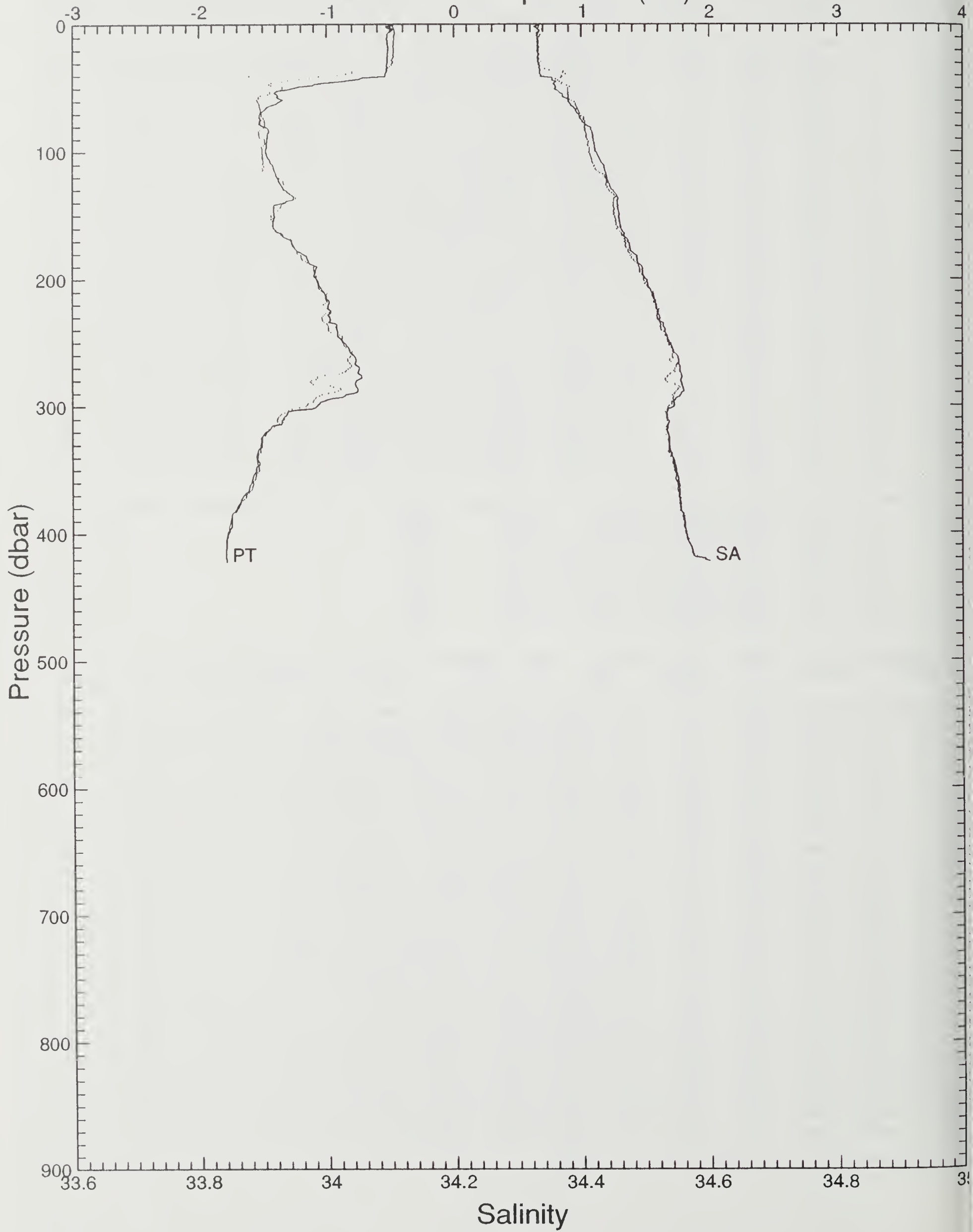
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.085	-172.592	455	1002.0	192	4.1	-6.1		0044	04	FEB	1985	ST	85	1	151

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
151	1	0	-0.911	-0.911	0.96	0.96	34.059	27.387	29.773	32.131	36.769	68.1	0.000	1443.6	0
151	1	10	-0.868	-0.868	1.01	1.00	34.069	27.394	29.779	32.136	36.772	67.4	0.007	1444.0	9
151	1	20	-1.105	-1.106	0.79	0.78	34.290	27.582	29.969	32.330	36.971	49.6	0.013	1443.4	19
151	1	30	-1.448	-1.449	0.46	0.44	34.332	27.628	30.020	32.386	37.037	45.2	0.017	1442.0	29
151	1	40	-1.525	-1.526	0.39	0.36	34.349	27.644	30.038	32.405	37.058	43.6	0.022	1441.8	39
151	1	50	-1.509	-1.510	0.42	0.38	34.370	27.660	30.054	32.420	37.073	41.9	0.026	1442.0	49
151	1	60	-1.480	-1.481	0.45	0.41	34.390	27.676	30.069	32.435	37.086	40.4	0.030	1442.4	59
151	1	70	-1.389	-1.391	0.55	0.50	34.407	27.687	30.078	32.443	37.091	39.4	0.034	1443.0	69
151	1	80	-1.296	-1.298	0.65	0.59	34.420	27.694	30.084	32.447	37.093	38.7	0.038	1443.6	79
151	1	90	-1.296	-1.298	0.66	0.59	34.424	27.697	30.087	32.450	37.096	38.3	0.042	1443.8	89
151	1	100	-1.327	-1.329	0.64	0.56	34.426	27.700	30.090	32.454	37.101	38.0	0.046	1443.8	98
151	1	125	-1.387	-1.390	0.60	0.50	34.442	27.715	30.106	32.471	37.119	36.4	0.055	1443.9	123
151	1	150	-1.505	-1.508	0.50	0.39	34.455	27.729	30.122	32.489	37.141	34.9	0.064	1443.8	148
151	1	175	-1.420	-1.424	0.60	0.47	34.468	27.737	30.129	32.494	37.143	34.1	0.073	1444.6	173
151	1	200	-1.053	-1.059	0.99	0.84	34.502	27.752	30.138	32.497	37.135	32.8	0.081	1446.8	197
151	1	225	-0.785	-0.792	1.28	1.11	34.534	27.767	30.149	32.504	37.133	31.5	0.089	1448.5	222
151	1	250	-0.852	-0.859	1.23	1.04	34.542	27.777	30.159	32.515	37.146	30.5	0.097	1448.6	247
151	1	275	-0.882	-0.890	1.22	1.02	34.560	27.792	30.175	32.531	37.164	28.9	0.104	1448.9	271
151	1	300	-1.044	-1.053	1.08	0.85	34.561	27.800	30.185	32.544	37.181	28.0	0.111	1448.6	296
151	1	325	-1.289	-1.298	0.85	0.61	34.559	27.807	30.196	32.559	37.203	27.0	0.118	1447.8	321
151	1	350	-1.307	-1.316	0.85	0.59	34.566	27.813	30.203	32.565	37.211	26.3	0.125	1448.1	345
151	1	375	-1.553	-1.562	0.63	0.34	34.567	27.822	30.215	32.582	37.235	25.1	0.131	1447.4	370
151	1	400	-1.627	-1.637	0.57	0.27	34.584	27.838	30.233	32.600	37.255	23.3	0.137	1447.5	395
151	1	422	-1.689	-1.699	0.53	0.21	34.607	27.859	30.254	32.623	37.279	21.2	0.142	1447.6	417

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
151		1	-0.847	-0.847	34.013	27.334		21.5		39.5							13	1
151		28	-1.263	-1.264	34.314	27.590	6.78	29.5		65.5							11	28
151		58	-1.496	-1.497	34.373	27.662	6.39	30.5		72.0							9	57
151	1	89	-1.181	-1.183	34.429	27.697	6.12	30.0		74.5							7	88
151		119	-1.342	-1.345	34.439	27.712	6.24	30.0		74.5							5	118
151	3	148	-1.328	-1.332	34.455	27.724	6.23	29.5		75.5							3	146
151	3	422	-1.694	-1.704	34.607	27.860		30.5		78.0							1	417

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.077	-172.628	455	1002.0	192	4.1	-6.1		0114	04	FEB	1985	ST	85	2	151

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
151	2	0	-0.847	-0.847	1.02	1.02	33.997	27.335	29.719	32.077	36.713	73.1	0.000	1443.9	0
151	2	10	-0.851	-0.851	1.02	1.01	33.996	27.334	29.719	32.077	36.713	73.1	0.007	1444.0	9
151	2	20	-0.973	-0.974	0.92	0.90	34.219	27.519	29.905	32.264	36.902	55.5	0.014	1443.9	19
151	2	30	-1.250	-1.251	0.66	0.63	34.298	27.594	29.983	32.346	36.991	48.4	0.019	1442.9	29
151	2	40	-1.378	-1.379	0.54	0.51	34.330	27.624	30.015	32.380	37.029	45.5	0.024	1442.5	39
151	2	50	-1.472	-1.473	0.45	0.41	34.362	27.653	30.046	32.412	37.063	42.7	0.028	1442.2	49
151	2	60	-1.483	-1.484	0.45	0.40	34.376	27.665	30.058	32.424	37.076	41.5	0.032	1442.3	59
151	2	70	-1.466	-1.468	0.47	0.42	34.391	27.676	30.069	32.435	37.086	40.4	0.036	1442.6	69
151	2	80	-1.394	-1.396	0.56	0.49	34.409	27.688	30.080	32.445	37.093	39.2	0.040	1443.1	79
151	2	90	-1.182	-1.184	0.78	0.71	34.430	27.698	30.086	32.448	37.090	38.3	0.044	1444.3	89
151	2	100	-1.171	-1.174	0.79	0.72	34.437	27.704	30.091	32.452	37.094	37.7	0.048	1444.5	98
151	2	125	-1.366	-1.369	0.62	0.52	34.444	27.716	30.107	32.471	37.119	36.4	0.057	1444.0	123
151	2	150	-1.413	-1.417	0.59	0.48	34.452	27.724	30.116	32.480	37.130	35.5	0.066	1444.2	148
151	2	175	-1.442	-1.446	0.58	0.45	34.463	27.734	30.126	32.491	37.141	34.4	0.075	1444.5	173
151	2	200	-1.298	-1.303	0.75	0.59	34.485	27.747	30.137	32.500	37.145	33.1	0.083	1445.6	197
151	2	225	-0.826	-0.833	1.24	1.07	34.530	27.766	30.148	32.503	37.134	31.6	0.092	1448.3	222
151	2	250	-0.747	-0.755	1.34	1.15	34.547	27.776	30.157	32.511	37.140	30.6	0.099	1449.1	247
151	2	275	-0.904	-0.912	1.20	0.99	34.554	27.788	30.172	32.528	37.161	29.2	0.107	1448.8	271
151	2	300	-0.961	-0.970	1.16	0.94	34.559	27.795	30.179	32.536	37.171	28.5	0.114	1449.0	296
151	2	325	-1.135	-1.144	1.01	0.76	34.559	27.801	30.188	32.548	37.188	27.6	0.121	1448.5	321
151	2	350	-1.314	-1.323	0.85	0.58	34.558	27.807	30.197	32.559	37.205	26.8	0.128	1448.1	345
151	2	375	-1.396	-1.406	0.78	0.50	34.566	27.816	30.207	32.571	37.219	25.8	0.134	1448.1	370
151	2	400	-1.588	-1.598	0.61	0.31	34.574	27.829	30.223	32.590	37.243	24.3	0.141	1447.6	395
151	2	422	-1.694	-1.704	0.52	0.21	34.608	27.860	30.255	32.624	37.280	21.1	0.146	1447.5	417

Potential Temperature ($^{\circ}\text{C}$)

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.178	-172.642	445	1002.0	192	4.1	-6.1	9140	0200	04	FEB	1985	ST	85	1	152

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
152	1	0	-0.477	-0.477	1.41	1.41	34.333	27.591	29.969	32.319	36.941	48.8	0.000	1446.0	0
152	1	10	-0.523	-0.523	1.37	1.36	34.332	27.592	29.971	32.322	36.945	48.6	0.005	1446.0	9
152	1	20	-0.515	-0.516	1.38	1.37	34.332	27.592	29.970	32.321	36.945	48.6	0.010	1446.2	19
152	1	30	-0.522	-0.523	1.39	1.36	34.333	27.593	29.971	32.323	36.946	48.5	0.015	1446.3	29
152	1	40	-0.538	-0.539	1.38	1.35	34.338	27.598	29.976	32.328	36.952	48.0	0.019	1446.4	39
152	1	50	-1.257	-1.258	0.67	0.63	34.360	27.644	30.034	32.396	37.041	43.5	0.024	1443.2	49
152	1	60	-1.357	-1.358	0.57	0.53	34.380	27.664	30.055	32.419	37.067	41.6	0.028	1442.9	59
152	1	70	-1.517	-1.519	0.42	0.37	34.394	27.680	30.074	32.440	37.093	40.0	0.032	1442.4	69
152	1	80	-1.491	-1.493	0.46	0.40	34.410	27.692	30.085	32.451	37.103	38.8	0.036	1442.7	79
152	1	90	-1.462	-1.464	0.50	0.43	34.419	27.699	30.091	32.457	37.108	38.1	0.040	1443.0	89
152	1	100	-1.475	-1.477	0.49	0.41	34.422	27.702	30.094	32.460	37.111	37.8	0.044	1443.1	98
152	1	125	-1.359	-1.362	0.63	0.53	34.442	27.714	30.105	32.469	37.116	36.5	0.053	1444.1	123
152	1	150	-1.404	-1.408	0.60	0.49	34.460	27.730	30.122	32.486	37.135	34.9	0.062	1444.3	148
152	1	175	-1.243	-1.248	0.78	0.65	34.477	27.739	30.127	32.489	37.133	34.1	0.071	1445.5	173
152	1	200	-1.069	-1.075	0.98	0.82	34.501	27.752	30.138	32.497	37.135	32.8	0.079	1446.7	197
152	1	225	-0.955	-0.961	1.11	0.94	34.521	27.764	30.148	32.505	37.140	31.7	0.087	1447.7	222
152	1	250	-0.853	-0.860	1.23	1.04	34.538	27.773	30.156	32.512	37.143	30.8	0.095	1448.6	247
152	1	275	-0.736	-0.745	1.37	1.16	34.557	27.784	30.165	32.519	37.147	29.8	0.103	1449.6	271
152	1	300	-1.065	-1.074	1.06	0.83	34.546	27.788	30.174	32.533	37.171	29.0	0.110	1448.5	296
152	1	325	-1.495	-1.503	0.65	0.40	34.538	27.797	30.189	32.555	37.206	27.7	0.117	1446.8	321
152	1	350	-1.541	-1.550	0.62	0.35	34.549	27.807	30.200	32.567	37.219	26.6	0.124	1447.0	345
152	1	375	-1.662	-1.671	0.52	0.24	34.555	27.816	30.211	32.579	37.235	25.5	0.130	1446.8	370
152	1	400	-1.761	-1.770	0.44	0.14	34.564	27.826	30.222	32.592	37.251	24.3	0.137	1446.8	395
152	1	422	-1.774	-1.784	0.44	0.13	34.601	27.856	30.253	32.623	37.282	21.3	0.142	1447.1	417

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
152		1	-0.479	-0.479	34.356	27.592		15.5		50.5							13	1
152		29	-0.479	-0.480	34.332	27.594	8.60	16.0		53.5							11	29
152		58	-1.532	-1.533	34.381	27.669	6.44	29.5		71.0							9	58
152		90	-1.483	-1.485	34.409	27.691	6.30	30.0		73.5							7	89
152		120	-1.373	-1.376	34.437	27.711	6.28	30.5		75.0							5	118
152		150	-1.428	-1.432	34.455	27.724	6.16	29.5		76.0							3	149

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.172	-172.607	445	1002.0	192	4.1	-6.1	9820	0229	04	FEB	1985	ST	85	2	152

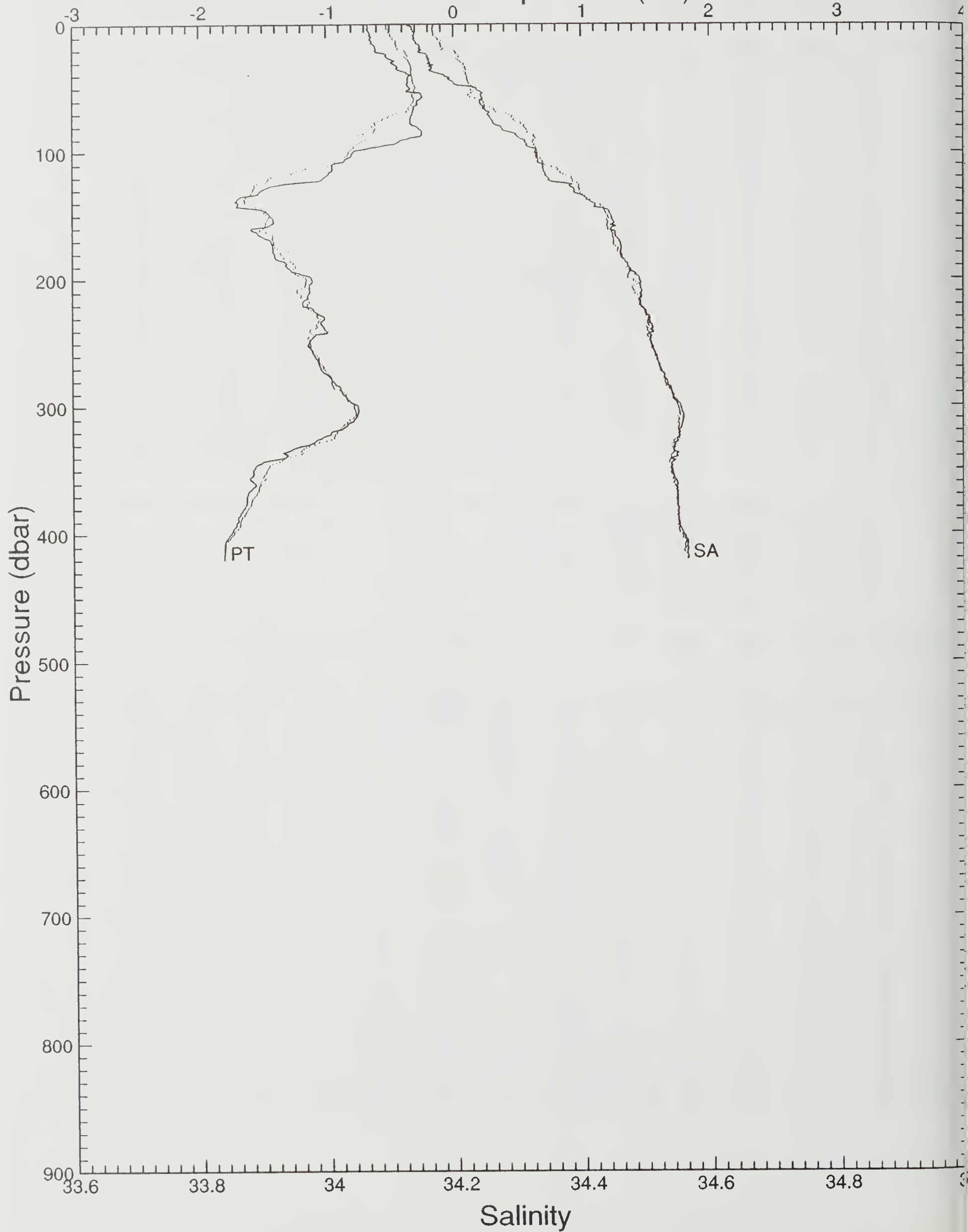
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
152	2	0	-0.479	-0.479	1.40	1.40	34.334	27.592	29.969	32.320	36.942	48.7	0.000	1446.0	0
152	2	10	-0.471	-0.471	1.42	1.41	34.334	27.592	29.969	32.320	36.942	48.7	0.005	1446.2	9
152	2	20	-0.470	-0.471	1.43	1.41	34.333	27.591	29.968	32.319	36.941	48.8	0.010	1446.4	19
152	2	30	-0.479	-0.480	1.43	1.40	34.335	27.593	29.970	32.321	36.943	48.5	0.015	1446.5	29
152	2	40	-0.913	-0.914	1.00	0.97	34.369	27.639	30.023	32.380	37.015	44.1	0.019	1444.7	39
152	2	50	-1.343	-1.344	0.58	0.54	34.379	27.662	30.053	32.417	37.065	41.8	0.024	1442.8	49
152	2	60	-1.539	-1.540	0.39	0.35	34.385	27.674	30.067	32.434	37.088	40.6	0.028	1442.1	59
152	2	70	-1.507	-1.509	0.43	0.38	34.398	27.683	30.076	32.443	37.095	39.7	0.032	1442.4	69
152	2	80	-1.482	-1.484	0.47	0.41	34.406	27.689	30.082	32.448	37.099	39.1	0.036	1442.7	79
152	2	90	-1.483	-1.485	0.47	0.40	34.409	27.691	30.084	32.450	37.102	38.8	0.040	1442.9	89
152	2	100	-1.500	-1.502	0.46	0.39	34.413	27.695	30.088	32.454	37.107	38.4	0.043	1443.0	98
152	2	125	-1.331	-1.334	0.65	0.56	34.440	27.712	30.102	32.465	37.112	36.8	0.053	1444.2	123
152	2	150	-1.428	-1.432	0.58	0.46	34.451	27.724	30.116	32.481	37.130	35.5	0.062	1444.2	148
152	2	175	-1.246	-1.251	0.78	0.65	34.470	27.733	30.122	32.484	37.128	34.6	0.071	1445.5	173
152	2	200	-1.068	-1.074	0.98	0.83	34.498	27.749	30.135	32.495	37.133	33.1	0.079	1446.7	197
152	2	225	-0.960	-0.966	1.10	0.94	34.521	27.764	30.148	32.506	37.141	31.7	0.087	1447.7	222
152	2	250	-0.863	-0.870	1.22	1.03	34.536	27.772	30.155	32.511	37.143	30.9	0.095	1448.6	247
152	2	275	-0.889	-0.897	1.21	1.01	34.540	27.777	30.160	32.516	37.149	30.4	0.103	1448.9	271
152	2	300	-1.149	-1.157	0.97	0.75	34.538	27.785	30.172	32.532	37.173	29.3	0.110	1448.0	296
152	2	325	-1.503	-1.511	0.64	0.39	34.537	27.796	30.189	32.555	37.206	27.8	0.117	1446.8	321
152	2	350	-1.517	-1.526	0.64	0.38	34.547	27.805	30.198	32.564	37.215	26.9	0.124	1447.1	345
152	2	375	-1.658	-1.667	0.52	0.24	34.554	27.815	30.210	32.578	37.234	25.6	0.131	1446.9	370
152	2	400	-1.769	-1.778	0.43	0.13	34.565	27.827	30.224	32.593	37.253	24.2	0.137	1446.8	395
152	2	422	-1.773	-1.783	0.44	0.13	34.600	27.855	30.252	32.622	37.281	21.4	0.142	1447.1	417

ST_85 153

78 15 S

172 31 W

Potential Temperature ($^{\circ}\text{C}$)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.245	-172.525	459	1002.0	188	4.6	-7.2	1370	0314	04	FEB	1985	ST	85	1	153

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
153	1	0	-0.672	-0.672	1.20	1.20	34.129	27.434	29.816	32.171	36.800	63.6	0.000	1444.9	0
153	1	10	-0.641	-0.641	1.24	1.23	34.138	27.440	29.821	32.176	36.804	63.0	0.006	1445.2	9
153	1	20	-0.605	-0.606	1.28	1.27	34.150	27.449	29.829	32.183	36.810	62.2	0.013	1445.5	19
153	1	30	-0.488	-0.489	1.41	1.39	34.164	27.455	29.833	32.185	36.809	61.6	0.019	1446.2	29
153	1	40	-0.336	-0.337	1.57	1.54	34.186	27.466	29.842	32.191	36.810	60.6	0.025	1447.1	39
153	1	50	-0.340	-0.342	1.58	1.54	34.236	27.506	29.882	32.231	36.850	56.7	0.031	1447.4	49
153	1	60	-0.284	-0.286	1.64	1.59	34.242	27.509	29.884	32.232	36.849	56.5	0.036	1447.8	59
153	1	70	-0.319	-0.321	1.61	1.56	34.255	27.521	29.896	32.245	36.863	55.3	0.042	1447.8	69
153	1	80	-0.289	-0.292	1.65	1.59	34.274	27.535	29.910	32.258	36.875	54.0	0.048	1448.1	79
153	1	90	-0.357	-0.360	1.59	1.52	34.305	27.563	29.939	32.288	36.907	51.3	0.053	1448.0	89
153	1	100	-0.784	-0.787	1.18	1.10	34.328	27.600	29.983	32.338	36.969	47.6	0.058	1446.2	98
153	1	125	-1.322	-1.325	0.66	0.56	34.374	27.658	30.048	32.412	37.059	41.9	0.069	1444.2	123
153	1	150	-1.432	-1.436	0.57	0.46	34.447	27.721	30.113	32.478	37.127	35.8	0.079	1444.1	148
153	1	175	-1.414	-1.418	0.61	0.48	34.463	27.733	30.125	32.489	37.138	34.5	0.087	1444.7	173
153	1	200	-1.108	-1.113	0.94	0.78	34.491	27.745	30.132	32.492	37.131	33.4	0.096	1446.5	197
153	1	225	-1.083	-1.089	0.98	0.81	34.502	27.753	30.139	32.499	37.138	32.6	0.104	1447.1	222
153	1	250	-1.132	-1.139	0.95	0.76	34.510	27.762	30.149	32.509	37.149	31.7	0.112	1447.3	247
153	1	275	-0.981	-0.989	1.12	0.91	34.530	27.772	30.157	32.514	37.150	30.7	0.120	1448.4	271
153	1	300	-0.742	-0.751	1.38	1.16	34.555	27.783	30.163	32.518	37.146	29.9	0.128	1450.0	296
153	1	325	-1.030	-1.039	1.11	0.87	34.552	27.792	30.177	32.536	37.172	28.7	0.135	1449.0	321
153	1	350	-1.570	-1.579	0.59	0.33	34.542	27.802	30.196	32.563	37.216	27.0	0.142	1446.9	345
153	1	375	-1.623	-1.632	0.56	0.27	34.550	27.810	30.205	32.573	37.228	26.1	0.148	1447.0	370
153	1	400	-1.751	-1.760	0.45	0.15	34.559	27.821	30.218	32.588	37.246	24.8	0.155	1446.8	395
153	1	420	-1.798	-1.808	0.42	0.10	34.565	27.828	30.225	32.595	37.255	24.0	0.160	1446.9	415

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
153		1	-0.525	-0.525	34.206	27.460		14.5		63.0							13	1
153		27	-0.367	-0.368	34.206	27.482	8.90	15.5		63.0							11	27
153		56	-0.320	-0.322	34.234	27.495	8.76	15.5		58.0							9	56
153		95	-0.762	-0.765	34.324	27.598	7.83	19.5		59.5							7	94
153	1	120	-1.429	-1.432	34.385	27.670	6.89	27.0		69.0							5	119
153		151	-1.443	-1.447	34.439	27.717	6.32	30.0		74.5							3	150
153		418	-1.798	-1.808	34.564	27.829	6.47	29.5		76.0							1	413

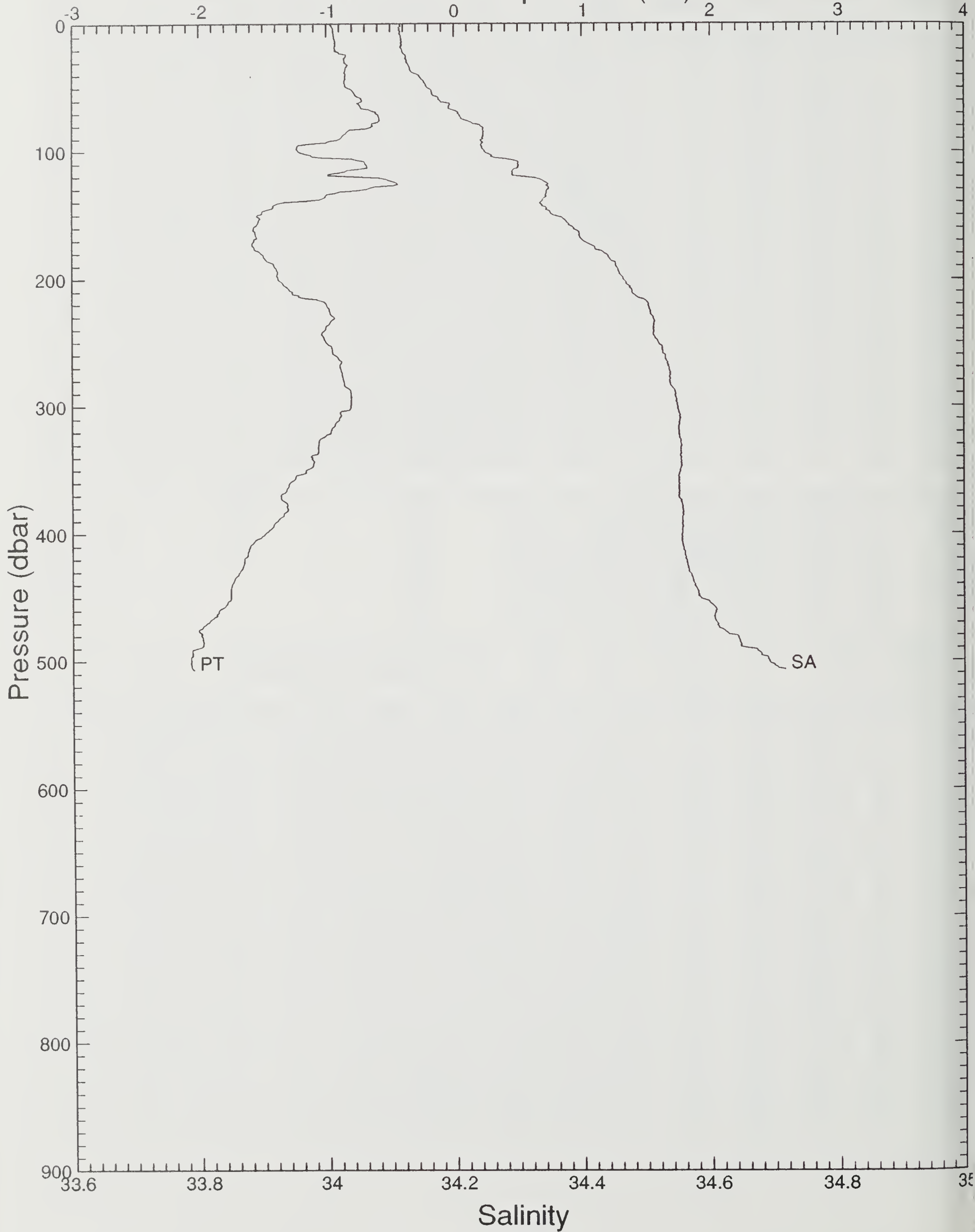
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.237	-172.518	459	1002.0	118	4.6	-7.2	2240	0350	04	FEB	1985	ST	85	2	153

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
153	2	0	-0.525	-0.525	1.35	1.35	34.170	27.461	29.840	32.193	36.817	61.1	0.000	1445.6	0
153	2	10	-0.489	-0.489	1.39	1.39	34.173	27.462	29.841	32.192	36.816	61.0	0.006	1445.9	9
153	2	20	-0.437	-0.438	1.45	1.44	34.182	27.467	29.845	32.196	36.818	60.5	0.012	1446.3	19
153	2	30	-0.345	-0.346	1.55	1.53	34.212	27.487	29.863	32.213	36.832	58.6	0.018	1447.0	29
153	2	40	-0.328	-0.329	1.58	1.55	34.220	27.493	29.869	32.218	36.836	58.0	0.024	1447.2	39
153	2	50	-0.294	-0.296	1.62	1.58	34.231	27.500	29.875	32.224	36.841	57.3	0.030	1447.6	49
153	2	60	-0.314	-0.316	1.61	1.56	34.246	27.513	29.889	32.237	36.855	56.0	0.035	1447.7	59
153	2	70	-0.444	-0.446	1.49	1.44	34.283	27.549	29.926	32.277	36.899	52.6	0.041	1447.3	69
153	2	80	-0.638	-0.640	1.31	1.25	34.310	27.580	29.960	32.313	36.940	49.6	0.046	1446.6	79
153	2	90	-0.792	-0.795	1.16	1.09	34.329	27.601	29.984	32.340	36.971	47.5	0.051	1446.0	89
153	2	100	-0.818	-0.821	1.14	1.07	34.331	27.604	29.987	32.343	36.975	47.2	0.056	1446.1	98
153	2	125	-1.538	-1.541	0.44	0.35	34.394	27.681	30.075	32.442	37.095	39.6	0.066	1443.2	123
153	2	150	-1.439	-1.443	0.56	0.45	34.441	27.716	30.108	32.473	37.123	36.2	0.076	1444.1	148
153	2	175	-1.398	-1.402	0.63	0.49	34.454	27.725	30.117	32.481	37.130	35.3	0.085	1444.7	173
153	2	200	-1.150	-1.155	0.89	0.74	34.473	27.732	30.120	32.480	37.121	34.6	0.094	1446.3	197
153	2	225	-1.060	-1.066	1.00	0.83	34.500	27.751	30.137	32.496	37.134	32.8	0.102	1447.2	222
153	2	250	-1.118	-1.125	0.96	0.78	34.509	27.760	30.147	32.507	37.147	31.8	0.110	1447.3	247
153	2	275	-0.964	-0.972	1.14	0.93	34.529	27.771	30.155	32.512	37.147	30.9	0.118	1448.5	271
153	2	300	-0.776	-0.785	1.35	1.12	34.551	27.781	30.162	32.517	37.146	30.0	0.125	1449.8	296
153	2	325	-0.931	-0.941	1.21	0.97	34.552	27.788	30.172	32.529	37.163	29.1	0.133	1449.5	321
153	2	350	-1.462	-1.471	0.70	0.43	34.540	27.797	30.189	32.555	37.205	27.6	0.140	1447.4	345
153	2	375	-1.586	-1.595	0.59	0.31	34.549	27.808	30.202	32.570	37.223	26.3	0.147	1447.2	370
153	2	400	-1.724	-1.734	0.47	0.17	34.553	27.816	30.212	32.581	37.239	25.3	0.153	1447.0	395
153	2	420	-1.799	-1.809	0.42	0.10	34.566	27.828	30.226	32.596	37.256	23.9	0.158	1446.9	415

ST_85 154

78 11 S
174 40 W

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.190	-174.662	529	1001.0	0	0.0	-5.6	1140	1420	04	FEB	1985	ST	85	1	154

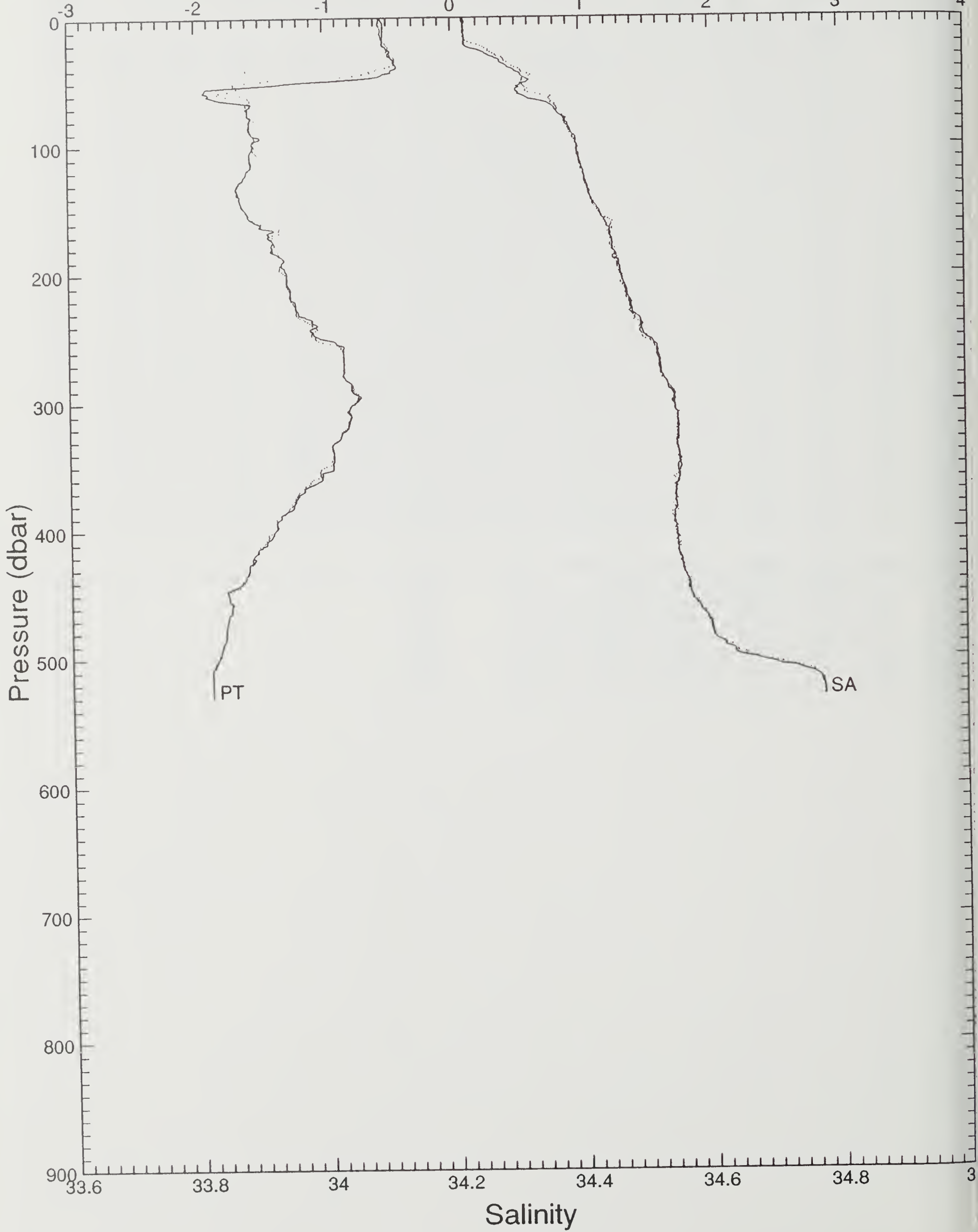
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
154	1	0	-0.968	-0.968	0.90	0.90	34.116	27.436	29.822	32.181	36.820	63.5	0.000	1443.5	0
154	1	10	-0.937	-0.937	0.94	0.94	34.117	27.435	29.821	32.180	36.817	63.5	0.006	1443.8	9
154	1	20	-0.928	-0.929	0.96	0.94	34.119	27.437	29.822	32.181	36.818	63.3	0.013	1444.0	19
154	1	30	-0.858	-0.859	1.04	1.01	34.126	27.440	29.824	32.181	36.817	63.0	0.019	1444.5	29
154	1	40	-0.849	-0.850	1.05	1.02	34.145	27.455	29.839	32.196	36.831	61.6	0.025	1444.7	39
154	1	50	-0.834	-0.835	1.08	1.04	34.159	27.465	29.849	32.206	36.840	60.5	0.031	1444.9	49
154	1	60	-0.715	-0.717	1.21	1.16	34.179	27.477	29.859	32.214	36.844	59.4	0.037	1445.7	59
154	1	70	-0.613	-0.615	1.32	1.26	34.206	27.494	29.875	32.228	36.855	57.7	0.043	1446.4	69
154	1	80	-0.635	-0.637	1.30	1.24	34.242	27.524	29.905	32.259	36.886	54.9	0.049	1446.5	79
154	1	90	-0.891	-0.893	1.06	0.99	34.246	27.538	29.923	32.280	36.915	53.5	0.054	1445.4	89
154	1	100	-1.217	-1.219	0.74	0.66	34.248	27.552	29.941	32.304	36.949	52.0	0.060	1444.1	98
154	1	125	-0.441	-0.445	1.54	1.44	34.346	27.600	29.977	32.327	36.948	47.7	0.072	1448.3	123
154	1	150	-1.536	-1.539	0.46	0.35	34.355	27.649	30.043	32.410	37.064	42.5	0.083	1443.5	148
154	1	175	-1.559	-1.563	0.46	0.33	34.421	27.704	30.098	32.465	37.119	37.2	0.093	1443.9	173
154	1	200	-1.370	-1.375	0.67	0.52	34.465	27.733	30.124	32.488	37.136	34.4	0.102	1445.3	197
154	1	225	-0.968	-0.974	1.10	0.93	34.508	27.754	30.138	32.496	37.131	32.6	0.111	1447.6	222
154	1	250	-0.994	-1.001	1.09	0.90	34.520	27.764	30.149	32.507	37.143	31.5	0.119	1447.9	247
154	1	275	-0.866	-0.874	1.24	1.03	34.538	27.774	30.157	32.513	37.145	30.6	0.126	1449.0	271
154	1	300	-0.800	-0.809	1.32	1.10	34.550	27.781	30.163	32.518	37.148	30.0	0.134	1449.7	296
154	1	325	-1.033	-1.042	1.11	0.86	34.553	27.793	30.178	32.537	37.174	28.6	0.141	1449.0	321
154	1	350	-1.151	-1.161	1.01	0.75	34.553	27.797	30.184	32.545	37.185	27.9	0.148	1448.9	345
154	1	375	-1.315	-1.325	0.86	0.58	34.555	27.805	30.194	32.557	37.203	27.0	0.155	1448.5	370
154	1	400	-1.474	-1.484	0.72	0.42	34.557	27.812	30.204	32.569	37.219	26.0	0.162	1448.2	395
154	1	425	-1.642	-1.653	0.58	0.26	34.565	27.823	30.218	32.586	37.241	24.6	0.168	1447.8	419
154	1	450	-1.739	-1.750	0.50	0.16	34.585	27.842	30.239	32.608	37.266	22.6	0.174	1447.7	444
154	1	475	-1.992	-2.003	0.27	-0.09	34.619	27.877	30.277	32.650	37.316	18.8	0.179	1447.0	469
154	1	500	-2.052	-2.063	0.23	-0.15	34.692	27.938	30.338	32.712	37.379	12.9	0.183	1447.2	494
154	1	507	-2.030	-2.041	0.26	-0.12	34.716	27.957	30.357	32.730	37.396	11.1	0.184	1447.5	500

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
154	1	0	-0.968	-0.968	34.116	27.436		14.5		56.5							13	0
154		29	-0.855	-0.856	34.150	27.439	8.02	14.0		59.5							11	29
154		60	-0.715	-0.717	34.186	27.477	8.56	15.0		59.0							9	59
154		90	-0.891	-0.893	34.259	27.538	7.92	19.5		59.5							7	89
154	2	121	-0.577	-0.581	34.325	27.592	8.05	20.0		60.0							5	119
154		145	-1.424	-1.427	34.356	27.638	7.11	27.0		66.0							3	143
154	2	507	-2.030	-2.041	34.704	27.957	6.76	30.0		77.0							1	501

ST_85 155

78 6 S
174 37 W

Potential Temperature ($^{\circ}\text{C}$)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.103	-174.610	557	999.7	0	0.0	-7.2	9140	1542	04	FEB	1985	ST	85	1	155

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
155	1	0	-0.544	-0.544	1.33	1.33	34.220	27.503	29.882	32.234	36.859	57.2	0.000	1445.6	0
155	1	10	-0.526	-0.526	1.36	1.35	34.222	27.503	29.882	32.234	36.859	57.1	0.006	1445.8	9
155	1	20	-0.529	-0.530	1.36	1.35	34.222	27.504	29.882	32.235	36.859	57.0	0.011	1446.0	19
155	1	30	-0.486	-0.487	1.42	1.39	34.261	27.533	29.911	32.263	36.885	54.2	0.017	1446.4	29
155	1	40	-0.430	-0.431	1.48	1.45	34.295	27.558	29.935	32.286	36.906	51.8	0.022	1446.9	39
155	1	50	-1.160	-1.161	0.76	0.72	34.320	27.608	29.996	32.358	37.000	46.9	0.027	1443.6	49
155	1	60	-1.884	-1.885	0.04	0.00	34.304	27.617	30.017	32.390	37.055	45.9	0.032	1440.3	59
155	1	70	-1.581	-1.583	0.36	0.30	34.359	27.654	30.048	32.416	37.071	42.5	0.036	1442.0	69
155	1	80	-1.566	-1.568	0.38	0.32	34.378	27.669	30.063	32.430	37.085	41.0	0.040	1442.3	79
155	1	90	-1.555	-1.557	0.40	0.33	34.387	27.676	30.070	32.437	37.091	40.3	0.045	1442.5	89
155	1	100	-1.542	-1.544	0.42	0.35	34.397	27.683	30.077	32.444	37.098	39.5	0.049	1442.7	98
155	1	125	-1.619	-1.622	0.36	0.27	34.408	27.695	30.090	32.458	37.114	38.3	0.058	1442.8	123
155	1	150	-1.604	-1.607	0.40	0.29	34.429	27.711	30.106	32.474	37.129	36.6	0.068	1443.3	148
155	1	175	-1.383	-1.387	0.64	0.51	34.450	27.721	30.113	32.477	37.125	35.6	0.077	1444.8	173
155	1	200	-1.283	-1.288	0.76	0.61	34.463	27.729	30.118	32.481	37.126	34.9	0.085	1445.7	197
155	1	225	-1.215	-1.221	0.85	0.68	34.479	27.739	30.128	32.489	37.132	33.8	0.094	1446.4	222
155	1	250	-1.019	-1.026	1.06	0.88	34.502	27.751	30.136	32.495	37.131	32.8	0.102	1447.8	247
155	1	275	-0.843	-0.851	1.26	1.05	34.525	27.763	30.145	32.501	37.132	31.7	0.110	1449.1	271
155	1	300	-0.753	-0.762	1.37	1.14	34.544	27.774	30.155	32.509	37.138	30.6	0.118	1449.9	296
155	1	325	-0.860	-0.870	1.28	1.04	34.551	27.784	30.167	32.523	37.155	29.5	0.126	1449.8	321
155	1	350	-0.928	-0.939	1.23	0.97	34.554	27.790	30.173	32.530	37.164	28.9	0.133	1449.9	345
155	1	375	-1.213	-1.224	0.97	0.68	34.546	27.794	30.182	32.543	37.186	28.1	0.140	1449.0	370
155	1	400	-1.387	-1.398	0.81	0.51	34.547	27.801	30.191	32.555	37.203	27.2	0.147	1448.6	395
155	1	425	-1.569	-1.580	0.65	0.33	34.554	27.812	30.206	32.573	37.226	25.7	0.154	1448.1	419
155	1	450	-1.758	-1.769	0.48	0.14	34.568	27.829	30.226	32.595	37.254	23.8	0.160	1447.6	444
155	1	475	-1.773	-1.785	0.48	0.13	34.599	27.855	30.251	32.621	37.280	21.2	0.165	1448.0	469
155	1	500	-1.835	-1.847	0.44	0.07	34.653	27.900	30.298	32.668	37.329	16.7	0.170	1448.2	494
155	1	530	-1.885	-1.898	0.42	0.02	34.773	27.999	30.397	32.768	37.429	7.2	0.174	1448.6	523

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
155	1	0	-0.557	-0.557	34.219	27.502		13.0		53.0							13	0
155		31	-0.441	-0.442	34.294	27.547	8.01	16.5		57.0							11	31
155		61	-1.748	-1.749	34.342	27.644	6.79	26.5		69.5							9	60
155		89	-1.566	-1.568	34.392	27.674	6.40	29.0		72.0							7	88
155		120	-1.594	-1.597	34.411	27.692	6.40	30.0		72.5							5	119
155		150	-1.602	-1.605	34.430	27.710	6.33	30.0		74.5							3	148
155		530	-1.886	-1.899	34.774	28.001	6.54	31.0		79.0							1	524

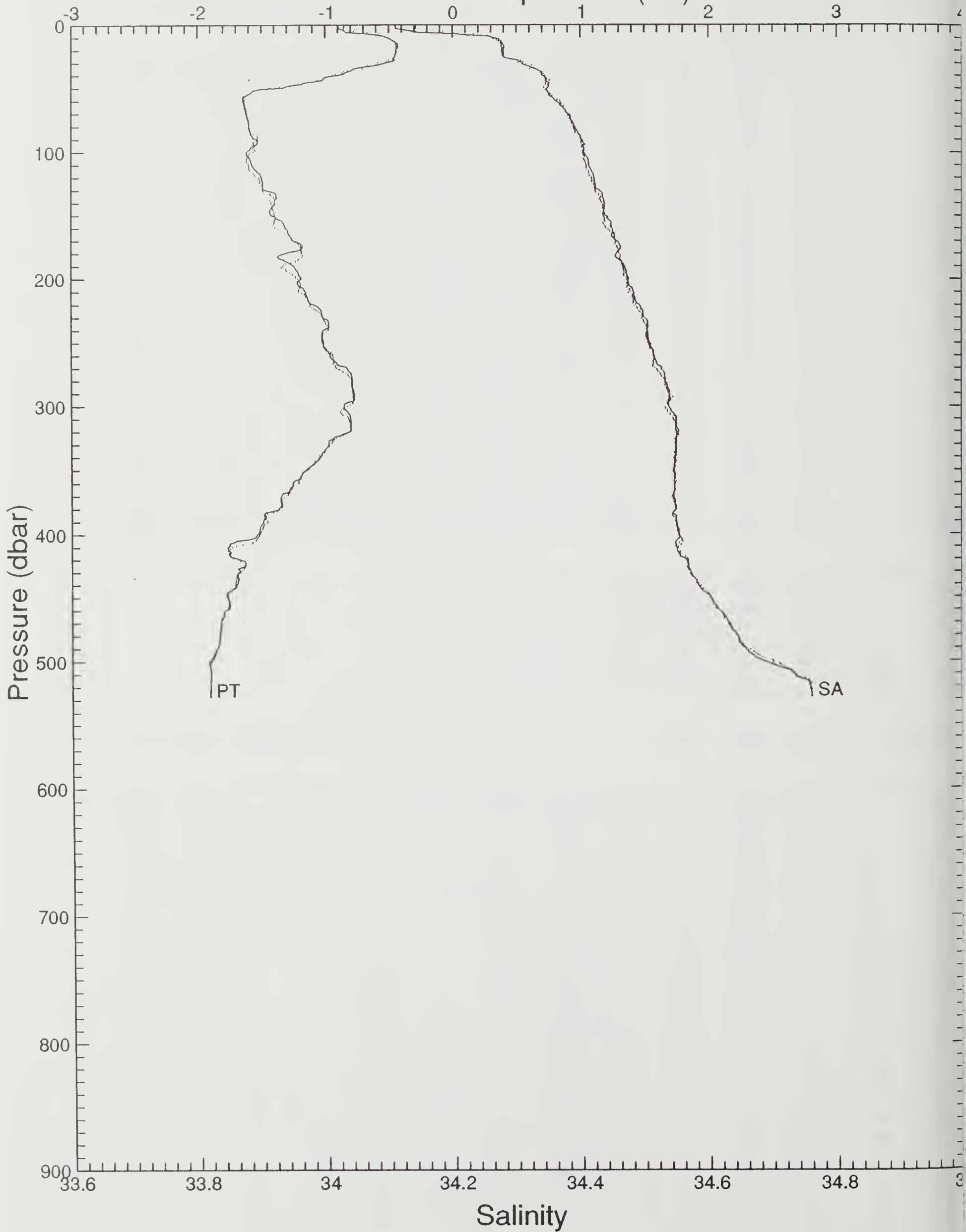
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.097	-174.630	557	999.7	0	0.0	-7.2		1614	04	FEB	1985	ST	85	2	155

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
155	2	0	-0.557	-0.557	1.32	1.32	34.219	27.502	29.882	32.234	36.859	57.2	0.000	1445.5	0
155	2	10	-0.545	-0.545	1.34	1.33	34.220	27.503	29.882	32.234	36.859	57.1	0.006	1445.7	9
155	2	20	-0.506	-0.507	1.39	1.37	34.234	27.512	29.891	32.242	36.866	56.2	0.011	1446.1	19
155	2	30	-0.469	-0.470	1.43	1.41	34.272	27.541	29.919	32.270	36.892	53.4	0.017	1446.5	29
155	2	40	-0.574	-0.575	1.34	1.31	34.306	27.574	29.953	32.305	36.930	50.3	0.022	1446.2	39
155	2	50	-1.602	-1.603	0.32	0.28	34.311	27.615	30.010	32.379	37.035	46.2	0.027	1441.5	49
155	2	60	-1.636	-1.637	0.29	0.25	34.333	27.634	30.030	32.398	37.055	44.4	0.031	1441.5	59
155	2	70	-1.582	-1.584	0.36	0.30	34.364	27.658	30.052	32.420	37.075	42.1	0.036	1442.0	69
155	2	80	-1.533	-1.535	0.41	0.35	34.376	27.666	30.060	32.427	37.080	41.3	0.040	1442.4	79
155	2	90	-1.563	-1.565	0.39	0.32	34.387	27.676	30.070	32.437	37.092	40.3	0.044	1442.5	89
155	2	100	-1.536	-1.538	0.43	0.35	34.396	27.682	30.076	32.443	37.096	39.6	0.048	1442.8	98
155	2	125	-1.621	-1.624	0.36	0.27	34.408	27.695	30.090	32.458	37.114	38.3	0.058	1442.8	123
155	2	150	-1.602	-1.605	0.40	0.29	34.428	27.710	30.105	32.473	37.128	36.7	0.067	1443.3	148
155	2	175	-1.383	-1.387	0.64	0.51	34.449	27.721	30.112	32.476	37.124	35.7	0.076	1444.8	173
155	2	200	-1.296	-1.301	0.75	0.59	34.462	27.728	30.118	32.481	37.127	34.9	0.085	1445.6	197
155	2	225	-1.217	-1.223	0.84	0.67	34.477	27.738	30.126	32.488	37.131	34.0	0.094	1446.4	222
155	2	250	-1.062	-1.069	1.02	0.83	34.496	27.748	30.134	32.493	37.131	33.1	0.102	1447.6	247
155	2	275	-0.839	-0.847	1.26	1.06	34.523	27.761	30.143	32.499	37.130	31.9	0.110	1449.1	271
155	2	300	-0.760	-0.769	1.36	1.14	34.541	27.772	30.153	32.508	37.136	30.8	0.118	1449.9	296
155	2	325	-0.864	-0.874	1.28	1.03	34.549	27.783	30.166	32.522	37.153	29.7	0.125	1449.8	321
155	2	350	-0.984	-0.994	1.18	0.91	34.550	27.788	30.173	32.531	37.166	28.9	0.133	1449.7	345
155	2	375	-1.229	-1.239	0.95	0.67	34.546	27.794	30.183	32.544	37.187	28.0	0.140	1448.9	370
155	2	400	-1.389	-1.400	0.81	0.51	34.544	27.798	30.189	32.553	37.201	27.4	0.147	1448.5	395
155	2	425	-1.558	-1.569	0.66	0.34	34.552	27.810	30.204	32.570	37.223	25.9	0.153	1448.2	419
155	2	450	-1.755	-1.766	0.48	0.14	34.569	27.830	30.226	32.596	37.255	23.7	0.160	1447.6	444

ST_85 156

78 2 S
174 31 W

Potential Temperature ($^{\circ}\text{C}$)



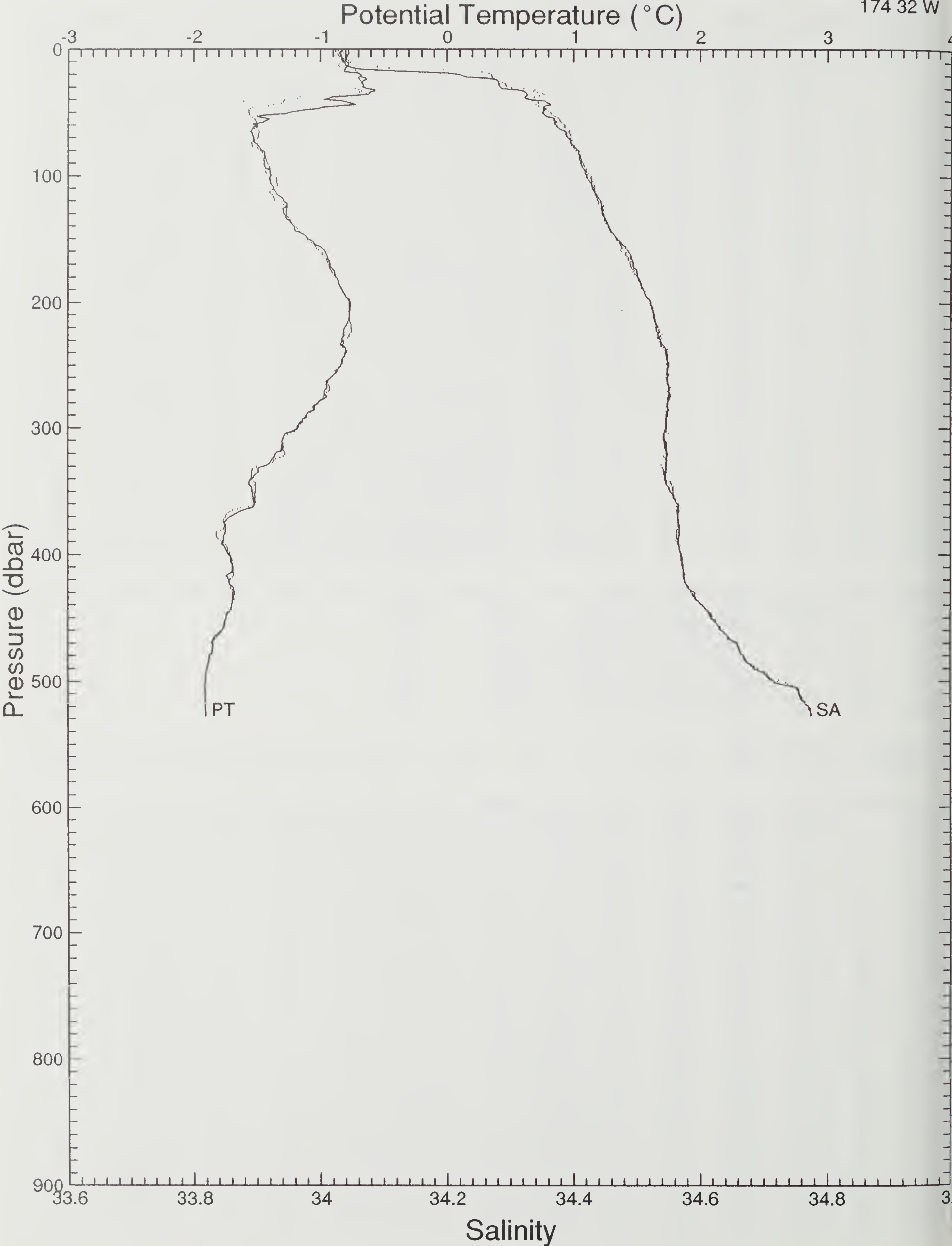
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.030	-174.518	557	999.7	0	0.0	-3.9		1700	04	FEB	1985	ST	85	1	156

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
156	1	0	-0.896	-0.896	0.97	0.97	34.110	27.428	29.813	32.171	36.808	64.2	0.000	1443.8	0
156	1	10	-0.518	-0.518	1.37	1.36	34.262	27.535	29.914	32.266	36.890	54.0	0.006	1445.9	9
156	1	20	-0.440	-0.441	1.46	1.44	34.279	27.546	29.923	32.273	36.895	53.0	0.011	1446.5	19
156	1	30	-0.519	-0.520	1.39	1.36	34.310	27.574	29.953	32.304	36.928	50.3	0.016	1446.3	29
156	1	40	-0.897	-0.898	1.02	0.99	34.340	27.615	29.999	32.356	36.990	46.4	0.021	1444.7	39
156	1	50	-1.329	-1.330	0.59	0.56	34.349	27.638	30.028	32.392	37.040	44.1	0.026	1442.9	49
156	1	60	-1.642	-1.643	0.29	0.24	34.362	27.658	30.054	32.422	37.079	42.1	0.030	1441.6	59
156	1	70	-1.619	-1.620	0.32	0.27	34.380	27.672	30.067	32.435	37.091	40.7	0.034	1441.9	69
156	1	80	-1.592	-1.594	0.36	0.29	34.392	27.681	30.076	32.443	37.098	39.8	0.038	1442.2	79
156	1	90	-1.539	-1.541	0.42	0.35	34.403	27.688	30.082	32.449	37.102	39.1	0.042	1442.6	89
156	1	100	-1.614	-1.616	0.35	0.27	34.404	27.691	30.086	32.454	37.110	38.7	0.046	1442.4	98
156	1	125	-1.484	-1.487	0.50	0.41	34.424	27.704	30.096	32.462	37.114	37.5	0.056	1443.5	123
156	1	150	-1.416	-1.420	0.59	0.47	34.439	27.714	30.105	32.470	37.120	36.5	0.065	1444.2	148
156	1	175	-1.171	-1.176	0.85	0.72	34.464	27.726	30.113	32.474	37.116	35.3	0.074	1445.8	173
156	1	200	-1.185	-1.190	0.86	0.71	34.476	27.736	30.124	32.485	37.127	34.3	0.083	1446.2	197
156	1	225	-1.023	-1.029	1.04	0.87	34.498	27.748	30.133	32.492	37.129	33.2	0.091	1447.4	222
156	1	250	-1.011	-1.018	1.07	0.88	34.509	27.756	30.141	32.500	37.136	32.3	0.099	1447.8	247
156	1	275	-0.787	-0.795	1.32	1.11	34.533	27.767	30.148	32.503	37.133	31.4	0.107	1449.3	271
156	1	300	-0.843	-0.852	1.28	1.05	34.539	27.774	30.156	32.512	37.143	30.6	0.115	1449.5	296
156	1	325	-0.928	-0.938	1.21	0.97	34.551	27.787	30.171	32.528	37.161	29.2	0.122	1449.5	321
156	1	350	-1.140	-1.150	1.02	0.76	34.546	27.791	30.178	32.538	37.179	28.5	0.130	1448.9	345
156	1	375	-1.330	-1.340	0.85	0.57	34.548	27.799	30.189	32.553	37.199	27.4	0.137	1448.4	370
156	1	400	-1.527	-1.537	0.67	0.37	34.555	27.812	30.205	32.571	37.223	26.0	0.143	1447.9	395
156	1	425	-1.620	-1.631	0.60	0.28	34.569	27.826	30.220	32.588	37.242	24.4	0.150	1447.9	419
156	1	450	-1.759	-1.770	0.48	0.14	34.603	27.857	30.254	32.624	37.282	21.1	0.155	1447.7	444
156	1	475	-1.812	-1.823	0.45	0.09	34.636	27.886	30.283	32.653	37.313	18.2	0.160	1447.9	469
156	1	500	-1.885	-1.897	0.40	0.02	34.685	27.928	30.326	32.697	37.359	14.1	0.164	1448.0	494
156	1	528	-1.894	-1.907	0.41	0.02	34.761	27.990	30.388	32.759	37.420	8.1	0.167	1448.5	521

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
156	1	0	-0.850	-0.850	34.142	27.452		15.5		37.5							13	0
156		30	-0.584	-0.585	34.330	27.572	7.59	20.0		57.0							11	30
156		60	-1.633	-1.634	34.377	27.663	6.42	28.0		71.5							9	59
156		90	-1.529	-1.531	34.404	27.686	6.35	28.5		72.5							7	89
156		120	-1.513	-1.516	34.421	27.700	6.34	28.5		74.0							5	119
156		151	-1.392	-1.396	34.440	27.711		29.0		75.5							3	149
156		528	-1.893	-1.906	34.758	27.989	6.39	29.5		81.0							1	522

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.028	-174.528	557	999.7	0	0.0	-3.9		1730	04	FEB	1985	ST	85	2	156

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
156	2	0	-0.850	-0.850	1.02	1.02	34.142	27.452	29.836	32.194	36.828	61.9	0.000	1444.0	0
156	2	10	-0.505	-0.505	1.38	1.38	34.263	27.536	29.914	32.266	36.889	54.0	0.006	1446.0	9
156	2	20	-0.445	-0.446	1.45	1.44	34.277	27.544	29.922	32.272	36.894	53.2	0.011	1446.4	19
156	2	30	-0.584	-0.585	1.32	1.30	34.303	27.572	29.951	32.303	36.929	50.5	0.016	1446.0	29
156	2	40	-0.942	-0.943	0.97	0.94	34.345	27.620	30.005	32.363	36.999	45.9	0.021	1444.5	39
156	2	50	-1.429	-1.430	0.49	0.46	34.343	27.636	30.028	32.394	37.044	44.3	0.026	1442.4	49
156	2	60	-1.633	-1.634	0.30	0.25	34.368	27.663	30.058	32.426	37.083	41.7	0.030	1441.6	59
156	2	70	-1.611	-1.612	0.33	0.28	34.381	27.672	30.067	32.436	37.091	40.7	0.034	1441.9	69
156	2	80	-1.592	-1.594	0.36	0.29	34.389	27.678	30.073	32.441	37.096	40.1	0.038	1442.2	79
156	2	90	-1.529	-1.531	0.43	0.36	34.401	27.686	30.080	32.447	37.100	39.3	0.042	1442.6	89
156	2	100	-1.560	-1.562	0.40	0.33	34.404	27.690	30.084	32.451	37.105	38.9	0.046	1442.7	98
156	2	125	-1.499	-1.502	0.48	0.39	34.421	27.702	30.095	32.461	37.113	37.7	0.056	1443.4	123
156	2	150	-1.391	-1.395	0.61	0.50	34.436	27.710	30.102	32.466	37.115	36.8	0.065	1444.3	148
156	2	175	-1.185	-1.190	0.84	0.71	34.458	27.721	30.109	32.470	37.113	35.7	0.074	1445.7	173
156	2	200	-1.206	-1.211	0.84	0.69	34.474	27.735	30.123	32.485	37.127	34.3	0.083	1446.1	197
156	2	225	-1.050	-1.056	1.01	0.84	34.492	27.744	30.130	32.489	37.126	33.5	0.091	1447.2	222
156	2	250	-1.000	-1.007	1.08	0.89	34.506	27.753	30.138	32.496	37.133	32.6	0.099	1447.9	247
156	2	275	-0.813	-0.821	1.29	1.08	34.526	27.762	30.144	32.499	37.130	31.8	0.107	1449.2	271
156	2	300	-0.817	-0.826	1.30	1.08	34.539	27.773	30.155	32.510	37.141	30.7	0.115	1449.6	296
156	2	325	-0.902	-0.912	1.24	0.99	34.549	27.784	30.168	32.524	37.157	29.5	0.123	1449.6	321
156	2	350	-1.144	-1.154	1.02	0.75	34.547	27.792	30.179	32.539	37.180	28.4	0.130	1448.9	345
156	2	375	-1.337	-1.347	0.84	0.56	34.546	27.798	30.188	32.551	37.198	27.6	0.137	1448.4	370
156	2	400	-1.507	-1.517	0.69	0.39	34.554	27.810	30.203	32.569	37.220	26.1	0.144	1448.0	395
156	2	425	-1.617	-1.628	0.60	0.28	34.569	27.826	30.220	32.588	37.242	24.4	0.150	1447.9	419
156	2	450	-1.752	-1.763	0.49	0.15	34.604	27.858	30.255	32.624	37.282	21.1	0.156	1447.7	444



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.947	-174.538	557	999.3	0	0.0	-1.7		1817	04	FEB	1985	ST	85	1	157

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
157	1	0	-0.778	-0.778	1.09	1.09	34.035	27.363	29.746	32.103	36.736	70.4	0.000	1444.2	0
157	1	10	-0.793	-0.793	1.08	1.07	34.038	27.366	29.749	32.106	36.740	70.1	0.007	1444.3	9
157	1	20	-0.686	-0.687	1.21	1.19	34.217	27.506	29.888	32.242	36.871	56.7	0.013	1445.2	19
157	1	30	-0.656	-0.657	1.25	1.23	34.285	27.560	29.941	32.294	36.922	51.6	0.019	1445.6	29
157	1	40	-0.973	-0.974	0.94	0.91	34.334	27.613	29.998	32.356	36.993	46.6	0.024	1444.4	39
157	1	50	-1.243	-1.244	0.68	0.64	34.350	27.635	30.025	32.387	37.032	44.3	0.028	1443.3	49
157	1	60	-1.504	-1.505	0.43	0.38	34.374	27.664	30.057	32.423	37.076	41.6	0.033	1442.2	59
157	1	70	-1.520	-1.522	0.42	0.37	34.393	27.679	30.073	32.440	37.092	40.0	0.037	1442.3	69
157	1	80	-1.451	-1.453	0.50	0.44	34.409	27.690	30.083	32.448	37.099	39.0	0.041	1442.9	79
157	1	90	-1.440	-1.442	0.52	0.45	34.412	27.692	30.085	32.450	37.100	38.7	0.045	1443.1	89
157	1	100	-1.388	-1.390	0.58	0.50	34.422	27.699	30.090	32.455	37.103	38.1	0.048	1443.5	98
157	1	125	-1.266	-1.269	0.72	0.63	34.446	27.714	30.104	32.466	37.111	36.6	0.058	1444.5	123
157	1	150	-1.090	-1.094	0.91	0.80	34.470	27.727	30.114	32.474	37.113	35.3	0.067	1445.8	148
157	1	175	-0.883	-0.888	1.14	1.01	34.501	27.745	30.128	32.484	37.117	33.7	0.075	1447.2	173
157	1	200	-0.753	-0.759	1.29	1.14	34.524	27.758	30.139	32.493	37.122	32.4	0.084	1448.3	197
157	1	225	-0.806	-0.813	1.26	1.09	34.535	27.769	30.151	32.506	37.136	31.3	0.092	1448.4	222
157	1	250	-0.824	-0.832	1.26	1.07	34.551	27.783	30.165	32.520	37.151	29.9	0.099	1448.8	247
157	1	275	-0.934	-0.942	1.17	0.96	34.555	27.790	30.174	32.531	37.165	29.0	0.106	1448.7	271
157	1	300	-1.166	-1.174	0.96	0.73	34.548	27.794	30.181	32.542	37.183	28.4	0.114	1448.0	296
157	1	325	-1.374	-1.383	0.77	0.52	34.549	27.802	30.192	32.556	37.203	27.4	0.121	1447.4	321
157	1	350	-1.527	-1.536	0.63	0.37	34.554	27.811	30.204	32.570	37.222	26.3	0.127	1447.1	345
157	1	375	-1.739	-1.748	0.44	0.16	34.568	27.828	30.225	32.594	37.252	24.3	0.134	1446.5	370
157	1	400	-1.711	-1.721	0.49	0.19	34.572	27.831	30.227	32.596	37.253	23.9	0.140	1447.0	395
157	1	425	-1.680	-1.690	0.54	0.22	34.583	27.839	30.234	32.603	37.259	23.1	0.146	1447.6	420
157	1	450	-1.727	-1.738	0.51	0.17	34.619	27.870	30.266	32.634	37.292	20.0	0.151	1447.9	444
157	1	475	-1.837	-1.848	0.42	0.07	34.664	27.909	30.307	32.677	37.338	16.0	0.155	1447.8	469
157	1	500	-1.893	-1.905	0.39	0.01	34.719	27.956	30.354	32.725	37.387	11.4	0.159	1448.0	494
157	1	528	-1.889	-1.902	0.42	0.02	34.775	28.001	30.399	32.770	37.431	7.0	0.161	1448.6	521

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
157	1	0	-0.882	-0.882	34.028	27.361		18.0		30.0							13	0
157		31	-0.668	-0.669	34.345	27.574	7.35	22.0		55.5							11	30
157		60	-1.493	-1.494	34.389	27.674	6.54	28.5		70.5							9	60
157		90	-1.412	-1.414	34.422	27.696	6.38	28.5		73.5							7	89
157		115	-1.377	-1.380	34.440	27.711	6.23	29.0		74.5							5	113
157		151	-1.096	-1.100	34.467	27.727		29.0		77.0							3	149

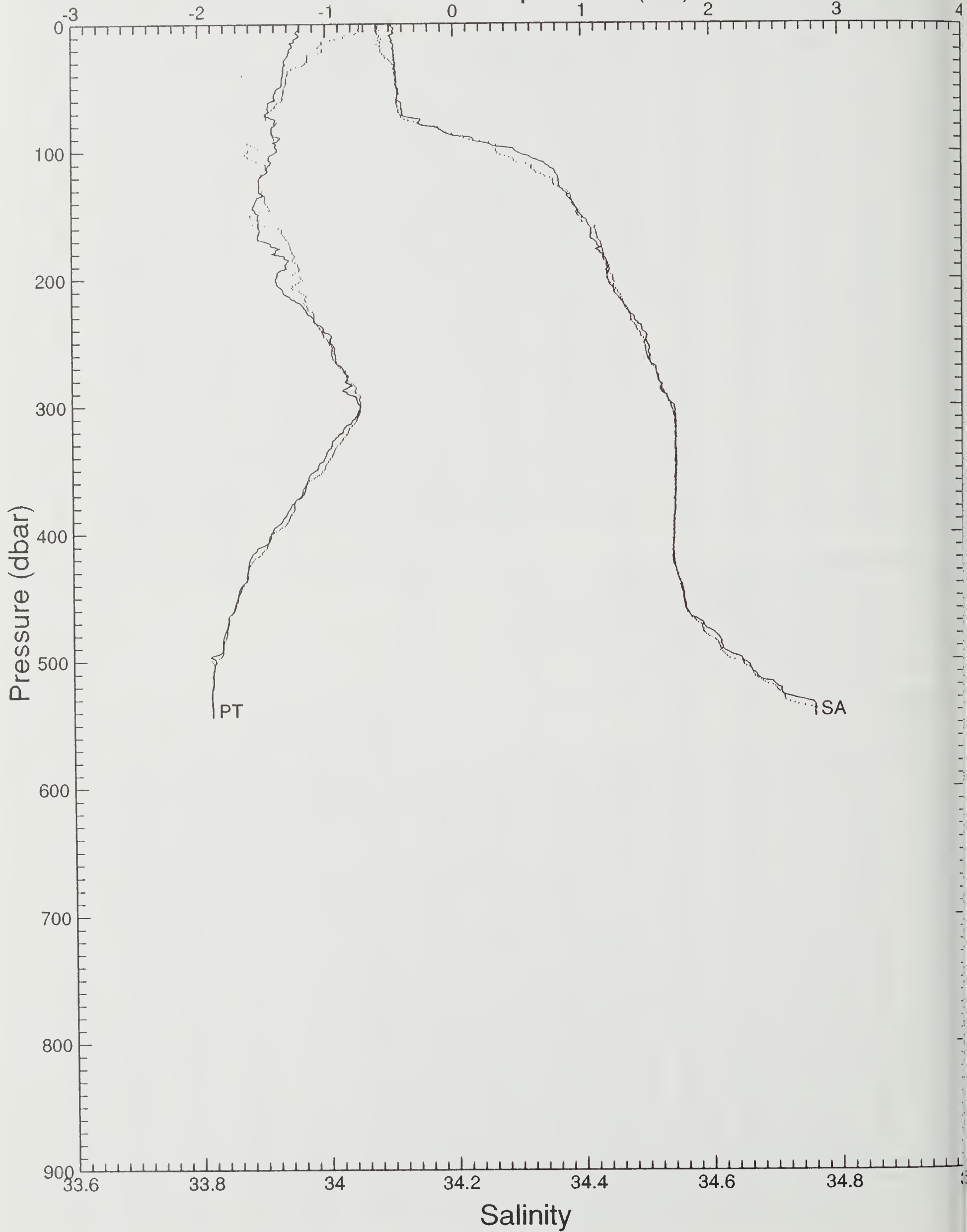
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.953	-174.562	557	999.3	0	0.0	-1.7		1856	04	FEB	1985	ST	85	2	157

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
157	2	0	-0.882	-0.882	0.98	0.98	34.028	27.361	29.746	32.105	36.741	70.6	0.000	1443.7	0
157	2	10	-0.822	-0.822	1.05	1.05	34.047	27.374	29.758	32.116	36.750	69.3	0.007	1444.2	9
157	2	20	-0.678	-0.679	1.22	1.20	34.270	27.549	29.930	32.284	36.912	52.7	0.013	1445.3	19
157	2	30	-0.668	-0.669	1.24	1.21	34.302	27.574	29.955	32.309	36.937	50.3	0.018	1445.6	29
157	2	40	-1.285	-1.286	0.63	0.60	34.331	27.621	30.012	32.375	37.021	45.7	0.023	1442.9	39
157	2	50	-1.560	-1.561	0.36	0.33	34.364	27.657	30.051	32.419	37.073	42.3	0.027	1441.8	49
157	2	60	-1.493	-1.494	0.44	0.39	34.387	27.674	30.067	32.433	37.085	40.6	0.032	1442.3	59
157	2	70	-1.490	-1.492	0.45	0.40	34.395	27.680	30.073	32.439	37.091	40.0	0.036	1442.5	69
157	2	80	-1.471	-1.473	0.48	0.42	34.404	27.687	30.080	32.445	37.097	39.3	0.040	1442.8	79
157	2	90	-1.412	-1.414	0.55	0.48	34.417	27.696	30.087	32.452	37.102	38.4	0.044	1443.2	89
157	2	100	-1.363	-1.365	0.60	0.53	34.429	27.704	30.095	32.459	37.106	37.6	0.047	1443.6	98
157	2	125	-1.257	-1.260	0.73	0.63	34.447	27.715	30.104	32.466	37.111	36.5	0.057	1444.6	123
157	2	150	-1.096	-1.100	0.91	0.80	34.469	27.727	30.113	32.473	37.113	35.4	0.066	1445.8	148
157	2	175	-0.905	-0.910	1.12	0.99	34.497	27.742	30.126	32.482	37.116	33.9	0.074	1447.1	173
157	2	200	-0.761	-0.767	1.28	1.13	34.523	27.757	30.139	32.493	37.122	32.5	0.083	1448.2	197
157	2	225	-0.757	-0.764	1.31	1.14	34.541	27.772	30.153	32.507	37.136	31.1	0.090	1448.7	222
157	2	250	-0.828	-0.836	1.26	1.07	34.550	27.782	30.164	32.520	37.150	30.0	0.098	1448.8	247
157	2	275	-0.963	-0.971	1.14	0.93	34.551	27.788	30.173	32.530	37.165	29.2	0.105	1448.5	271
157	2	300	-1.163	-1.171	0.96	0.73	34.547	27.793	30.180	32.541	37.181	28.5	0.113	1448.0	296
157	2	325	-1.352	-1.361	0.79	0.54	34.548	27.800	30.190	32.554	37.200	27.6	0.120	1447.5	321
157	2	350	-1.498	-1.507	0.66	0.40	34.559	27.814	30.206	32.572	37.223	26.0	0.126	1447.2	345
157	2	375	-1.748	-1.757	0.43	0.15	34.567	27.828	30.224	32.594	37.252	24.3	0.133	1446.5	370
157	2	400	-1.700	-1.710	0.50	0.20	34.571	27.830	30.225	32.594	37.251	24.0	0.139	1447.1	395
157	2	425	-1.696	-1.706	0.52	0.20	34.581	27.838	30.233	32.602	37.259	23.2	0.145	1447.5	420
157	2	450	-1.728	-1.739	0.51	0.17	34.619	27.870	30.266	32.635	37.292	20.0	0.150	1447.8	444
157	2	475	-1.839	-1.850	0.42	0.06	34.663	27.909	30.306	32.677	37.337	16.1	0.155	1447.8	469

ST_85 158

78 9 S
175 33 W

Potential Temperature ($^{\circ}\text{C}$)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.142	-175.550	585	1001.4	205	1.0	-2.8	1370	2256	04	FEB	1985	ST	85	1	158

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
158	1	0	-1.200	-1.200	0.67	0.67	34.101	27.432	29.822	32.185	36.830	63.8	0.000	1442.3	0
158	1	10	-1.206	-1.206	0.67	0.67	34.102	27.433	29.823	32.186	36.832	63.7	0.006	1442.5	9
158	1	20	-1.281	-1.281	0.60	0.59	34.106	27.439	29.830	32.194	36.842	63.1	0.013	1442.3	19
158	1	30	-1.320	-1.321	0.57	0.55	34.109	27.442	29.834	32.199	36.848	62.7	0.019	1442.3	29
158	1	40	-1.330	-1.331	0.57	0.54	34.110	27.444	29.835	32.200	36.850	62.5	0.025	1442.4	39
158	1	50	-1.355	-1.356	0.55	0.52	34.112	27.446	29.838	32.203	36.854	62.3	0.032	1442.4	49
158	1	60	-1.393	-1.394	0.52	0.48	34.111	27.446	29.839	32.205	36.857	62.2	0.038	1442.4	59
158	1	70	-1.466	-1.468	0.46	0.41	34.120	27.456	29.850	32.217	36.871	61.2	0.044	1442.2	69
158	1	80	-1.397	-1.399	0.54	0.48	34.152	27.480	29.873	32.238	36.890	58.9	0.050	1442.8	79
158	1	90	-1.352	-1.354	0.59	0.53	34.231	27.543	29.934	32.299	36.948	52.9	0.056	1443.2	89
158	1	100	-1.380	-1.382	0.58	0.50	34.297	27.597	29.989	32.354	37.003	47.7	0.061	1443.4	98
158	1	125	-1.518	-1.521	0.46	0.37	34.366	27.658	30.051	32.418	37.071	41.8	0.072	1443.2	123
158	1	150	-1.528	-1.531	0.47	0.36	34.399	27.685	30.078	32.445	37.098	39.1	0.082	1443.6	148
158	1	175	-1.386	-1.390	0.64	0.50	34.428	27.704	30.095	32.459	37.108	37.3	0.091	1444.7	173
158	1	200	-1.388	-1.393	0.65	0.50	34.441	27.714	30.106	32.470	37.119	36.2	0.101	1445.2	197
158	1	225	-1.149	-1.155	0.91	0.74	34.473	27.732	30.120	32.480	37.121	34.5	0.109	1446.7	222
158	1	250	-0.958	-0.965	1.12	0.94	34.502	27.748	30.133	32.490	37.125	33.0	0.118	1448.1	247
158	1	275	-0.839	-0.847	1.26	1.06	34.519	27.758	30.140	32.496	37.127	32.2	0.126	1449.1	271
158	1	300	-0.724	-0.733	1.40	1.17	34.545	27.774	30.154	32.508	37.136	30.7	0.134	1450.1	296
158	1	325	-0.919	-0.929	1.22	0.98	34.547	27.783	30.167	32.524	37.157	29.5	0.141	1449.5	321
158	1	350	-1.063	-1.073	1.10	0.83	34.546	27.788	30.174	32.533	37.171	28.9	0.149	1449.3	345
158	1	375	-1.238	-1.248	0.94	0.66	34.546	27.795	30.183	32.545	37.188	28.0	0.156	1448.9	370
158	1	400	-1.433	-1.444	0.76	0.46	34.543	27.799	30.190	32.555	37.204	27.3	0.163	1448.3	395
158	1	425	-1.606	-1.617	0.61	0.29	34.545	27.806	30.200	32.568	37.222	26.3	0.169	1447.9	419
158	1	450	-1.693	-1.704	0.54	0.20	34.557	27.818	30.214	32.583	37.240	24.9	0.176	1447.9	444
158	1	475	-1.781	-1.793	0.48	0.12	34.592	27.849	30.246	32.616	37.276	21.7	0.182	1448.0	469
158	1	500	-1.867	-1.879	0.41	0.04	34.649	27.898	30.296	32.667	37.329	16.9	0.186	1448.0	494
158	1	544	-1.892	-1.905	0.43	0.02	34.761	27.990	30.388	32.759	37.420	8.0	0.192	1448.8	537

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
158		1	-0.731	-0.731	34.096	27.400		11.0		59.0							13	1
158		28	-1.138	-1.139	34.105	27.428	8.07	16.0		60.5							11	27
158		57	-1.333	-1.334	34.112	27.446	8.03	17.5		61.0							9	56
158		87	-1.416	-1.418	34.224	27.519		21.5		63.0							7	86
158	1	117	-1.484	-1.487	34.328	27.626		26.0		68.5							5	115
158		147	-1.513	-1.516	34.393	27.679		28.0		73.0							3	146
158		544	-1.892	-1.905	34.759	27.991	6.52	28.0		79.0							1	538

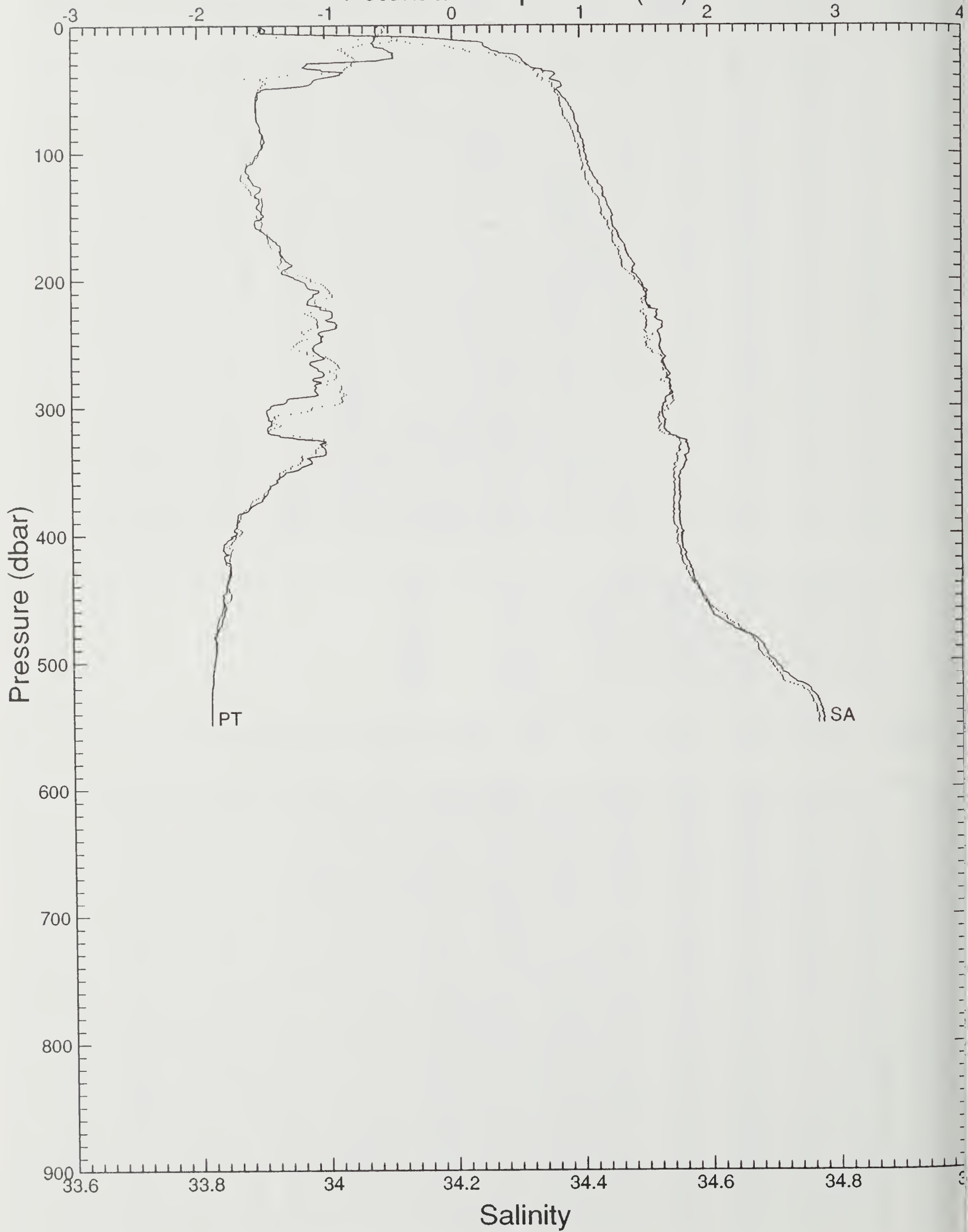
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.140	-175.575	585	1001.4	205	1.0	-2.8	1635	2328	04	FEB	1985	ST	85	2	158

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
158	2	0	-0.731	-0.731	1.14	1.14	34.084	27.400	29.783	32.139	36.770	66.8	0.000	1444.5	0
158	2	10	-0.858	-0.858	1.02	1.01	34.085	27.406	29.791	32.149	36.784	66.2	0.007	1444.1	9
158	2	20	-1.024	-1.025	0.86	0.85	34.087	27.414	29.801	32.162	36.802	65.4	0.013	1443.5	19
158	2	30	-1.139	-1.140	0.75	0.73	34.103	27.431	29.820	32.182	36.826	63.8	0.020	1443.1	29
158	2	40	-1.294	-1.295	0.61	0.58	34.109	27.442	29.833	32.197	36.846	62.7	0.026	1442.5	39
158	2	50	-1.318	-1.319	0.59	0.55	34.112	27.445	29.836	32.201	36.850	62.4	0.032	1442.6	49
158	2	60	-1.335	-1.336	0.58	0.54	34.112	27.445	29.837	32.202	36.852	62.3	0.039	1442.7	59
158	2	70	-1.445	-1.447	0.48	0.43	34.115	27.451	29.845	32.212	36.865	61.6	0.045	1442.3	69
158	2	80	-1.415	-1.417	0.52	0.46	34.171	27.496	29.889	32.255	36.906	57.4	0.051	1442.7	79
158	2	90	-1.399	-1.401	0.55	0.48	34.217	27.533	29.925	32.291	36.941	53.8	0.056	1443.0	89
158	2	100	-1.606	-1.608	0.35	0.27	34.267	27.580	29.975	32.344	37.000	49.3	0.061	1442.3	98
158	2	125	-1.517	-1.520	0.46	0.37	34.356	27.649	30.043	32.410	37.063	42.6	0.073	1443.2	123
158	2	150	-1.587	-1.590	0.41	0.30	34.394	27.682	30.077	32.445	37.100	39.3	0.083	1443.3	148
158	2	175	-1.273	-1.277	0.75	0.62	34.432	27.703	30.093	32.455	37.100	37.4	0.093	1445.3	173
158	2	200	-1.190	-1.195	0.85	0.70	34.450	27.715	30.103	32.464	37.107	36.2	0.102	1446.1	197
158	2	225	-1.131	-1.137	0.93	0.76	34.471	27.730	30.117	32.477	37.118	34.8	0.111	1446.8	222
158	2	250	-0.972	-0.979	1.11	0.92	34.499	27.747	30.131	32.489	37.124	33.2	0.119	1448.0	247
158	2	275	-0.838	-0.846	1.26	1.06	34.518	27.757	30.139	32.495	37.126	32.3	0.127	1449.1	271
158	2	300	-0.723	-0.732	1.40	1.17	34.540	27.770	30.150	32.504	37.132	31.1	0.135	1450.1	296
158	2	325	-0.859	-0.869	1.28	1.04	34.548	27.782	30.165	32.520	37.152	29.8	0.143	1449.8	321
158	2	350	-1.009	-1.019	1.15	0.89	34.546	27.786	30.171	32.529	37.166	29.1	0.150	1449.5	345
158	2	375	-1.245	-1.255	0.93	0.65	34.545	27.794	30.183	32.545	37.188	28.0	0.157	1448.8	370
158	2	400	-1.414	-1.425	0.78	0.48	34.544	27.799	30.190	32.555	37.203	27.3	0.164	1448.4	395
158	2	425	-1.594	-1.605	0.62	0.30	34.543	27.804	30.198	32.565	37.219	26.5	0.171	1448.0	419
158	2	450	-1.690	-1.701	0.55	0.21	34.558	27.819	30.215	32.583	37.240	24.8	0.178	1447.9	444

ST_85 159

78 4 S
175 31 W

Potential Temperature ($^{\circ}\text{C}$)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.062	-175.517	577	998.0	205	2.6	-1.7	9600	0007	05	FEB	1985	ST	85	1	159

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
159	1	0	-0.583	-0.583	1.28	1.28	33.902	27.247	29.628	31.982	36.611	81.4	0.000	1445.0	0
159	1	10	-0.612	-0.612	1.27	1.26	34.166	27.462	29.842	32.196	36.823	61.0	0.007	1445.3	9
159	1	20	-0.503	-0.504	1.39	1.38	34.263	27.536	29.914	32.265	36.889	54.0	0.013	1446.2	19
159	1	30	-1.135	-1.136	0.77	0.75	34.315	27.603	29.991	32.352	36.994	47.5	0.018	1443.4	29
159	1	40	-0.926	-0.927	0.99	0.96	34.359	27.631	30.015	32.373	37.008	44.8	0.023	1444.6	39
159	1	50	-1.464	-1.465	0.46	0.42	34.365	27.655	30.048	32.414	37.065	42.5	0.027	1442.3	49
159	1	60	-1.536	-1.537	0.40	0.35	34.379	27.669	30.062	32.429	37.083	41.1	0.031	1442.1	59
159	1	70	-1.534	-1.536	0.41	0.35	34.392	27.679	30.073	32.440	37.093	40.1	0.035	1442.3	69
159	1	80	-1.504	-1.506	0.44	0.38	34.398	27.683	30.076	32.443	37.095	39.7	0.039	1442.6	79
159	1	90	-1.471	-1.473	0.48	0.42	34.405	27.688	30.080	32.446	37.098	39.2	0.043	1442.9	89
159	1	100	-1.517	-1.519	0.45	0.37	34.407	27.691	30.084	32.451	37.103	38.8	0.047	1442.9	98
159	1	125	-1.556	-1.559	0.43	0.33	34.429	27.710	30.104	32.471	37.125	36.9	0.057	1443.1	123
159	1	150	-1.475	-1.479	0.53	0.42	34.452	27.726	30.119	32.484	37.135	35.3	0.066	1443.9	148
159	1	175	-1.345	-1.349	0.68	0.55	34.471	27.737	30.128	32.491	37.138	34.1	0.074	1445.0	173
159	1	200	-1.198	-1.203	0.85	0.70	34.493	27.750	30.138	32.499	37.142	32.9	0.083	1446.1	197
159	1	225	-0.937	-0.944	1.13	0.96	34.520	27.762	30.146	32.503	37.137	31.9	0.091	1447.8	222
159	1	250	-1.062	-1.069	1.02	0.83	34.525	27.771	30.157	32.516	37.154	30.8	0.099	1447.6	247
159	1	275	-1.005	-1.013	1.10	0.89	34.541	27.782	30.167	32.525	37.161	29.8	0.106	1448.3	271
159	1	300	-1.422	-1.430	0.70	0.47	34.530	27.788	30.179	32.544	37.193	28.8	0.113	1446.7	296
159	1	325	-1.205	-1.214	0.94	0.69	34.550	27.797	30.185	32.546	37.188	28.0	0.120	1448.2	321
159	1	350	-1.245	-1.255	0.92	0.65	34.558	27.805	30.193	32.555	37.198	27.1	0.127	1448.4	345
159	1	375	-1.531	-1.541	0.65	0.37	34.554	27.811	30.204	32.570	37.222	26.1	0.134	1447.5	370
159	1	400	-1.703	-1.713	0.49	0.19	34.556	27.818	30.213	32.582	37.240	25.2	0.140	1447.1	395
159	1	425	-1.739	-1.749	0.48	0.16	34.570	27.830	30.226	32.596	37.254	23.8	0.147	1447.3	419
159	1	450	-1.798	-1.809	0.44	0.10	34.594	27.851	30.248	32.619	37.279	21.6	0.152	1447.5	444
159	1	475	-1.840	-1.851	0.42	0.06	34.639	27.889	30.287	32.657	37.318	17.9	0.157	1447.7	469
159	1	500	-1.869	-1.881	0.41	0.04	34.701	27.940	30.338	32.709	37.370	12.9	0.161	1448.1	494
159	1	549	-1.894	-1.907	0.43	0.02	34.777	28.003	30.401	32.772	37.433	6.7	0.166	1448.9	542

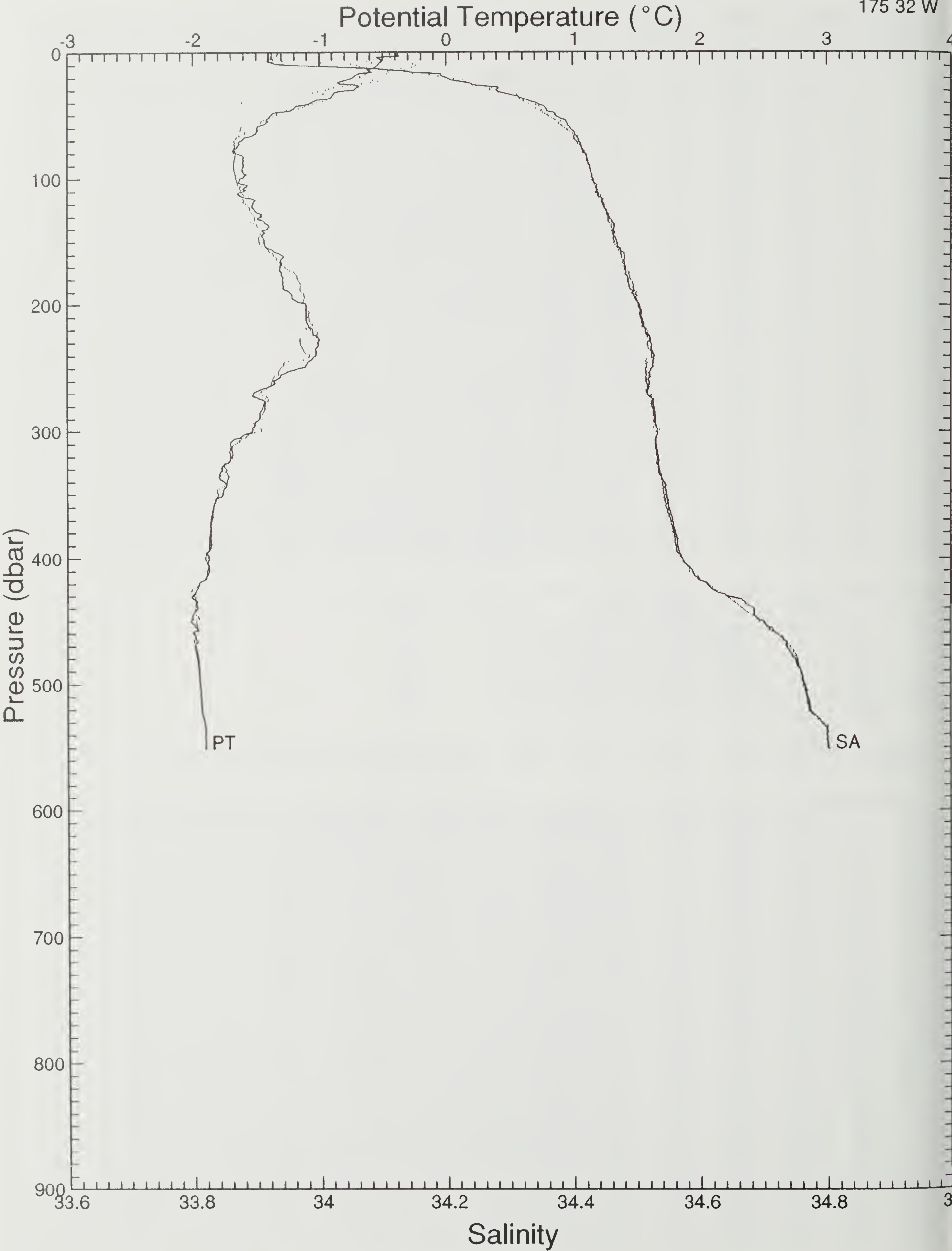
STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
159		1	-0.532	-0.532	33.912	27.241		16.0		21.5							13	1
159		43	-1.499	-1.500	34.357	27.637	6.60	28.5		67.0							11	42
159		87	-1.491	-1.493	34.394	27.677	6.42	30.0		71.0							9	86
159		117	-1.648	-1.651	34.410	27.696	6.32	29.5		71.0							7	116
159	1	146	-1.492	-1.495	34.434	27.712	6.16	30.0		73.5							5	145
159	2	263	-0.945	-0.953	34.530	27.770	5.38	30.0		79.5							3	260
159		347	-1.265	-1.275	34.540	27.796	6.31	27.0		79.0							1	343

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.058	-175.567	577	998.0	205	2.6	-1.7	9965	0049	05	FEB	1985	ST	85	2	159

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
159	2	0	-0.532	-0.532	1.33	1.33	33.897	27.241	29.621	31.975	36.602	82.0	0.000	1445.2	0
159	2	10	-0.469	-0.469	1.40	1.40	34.001	27.322	29.701	32.053	36.678	74.2	0.008	1445.8	9
159	2	20	-0.862	-0.863	1.03	1.02	34.221	27.517	29.901	32.258	36.892	55.7	0.014	1444.4	19
159	2	30	-0.783	-0.784	1.12	1.10	34.307	27.583	29.966	32.321	36.953	49.4	0.020	1445.1	29
159	2	40	-1.349	-1.350	0.56	0.53	34.335	27.627	30.018	32.382	37.030	45.2	0.024	1442.6	39
159	2	50	-1.515	-1.516	0.41	0.37	34.361	27.653	30.047	32.414	37.067	42.6	0.029	1442.0	49
159	2	60	-1.538	-1.539	0.39	0.35	34.368	27.660	30.054	32.421	37.074	42.0	0.033	1442.1	59
159	2	70	-1.534	-1.536	0.41	0.35	34.374	27.664	30.058	32.425	37.079	41.5	0.037	1442.3	69
159	2	80	-1.503	-1.505	0.44	0.38	34.386	27.673	30.067	32.433	37.085	40.6	0.041	1442.6	79
159	2	90	-1.494	-1.496	0.46	0.39	34.393	27.679	30.072	32.438	37.090	40.0	0.045	1442.8	89
159	2	100	-1.514	-1.516	0.45	0.37	34.401	27.686	30.079	32.446	37.098	39.3	0.049	1442.9	98
159	2	125	-1.602	-1.605	0.38	0.29	34.414	27.699	30.094	32.462	37.117	37.9	0.059	1442.9	123
159	2	150	-1.532	-1.535	0.47	0.36	34.435	27.714	30.108	32.474	37.127	36.4	0.068	1443.6	148
159	2	175	-1.410	-1.414	0.61	0.48	34.461	27.731	30.123	32.487	37.136	34.7	0.077	1444.7	173
159	2	200	-1.106	-1.111	0.94	0.79	34.486	27.741	30.128	32.488	37.127	33.8	0.086	1446.5	197
159	2	225	-1.104	-1.110	0.96	0.79	34.495	27.748	30.135	32.495	37.134	33.0	0.094	1447.0	222
159	2	250	-1.222	-1.229	0.86	0.67	34.502	27.758	30.147	32.508	37.151	31.9	0.102	1446.8	247
159	2	275	-0.906	-0.914	1.20	0.99	34.536	27.774	30.157	32.514	37.147	30.6	0.110	1448.8	271
159	2	300	-1.094	-1.103	1.03	0.80	34.536	27.781	30.168	32.527	37.166	29.7	0.117	1448.3	296
159	2	325	-1.005	-1.015	1.14	0.89	34.554	27.793	30.177	32.535	37.172	28.6	0.125	1449.2	321
159	2	350	-1.326	-1.335	0.83	0.57	34.545	27.797	30.187	32.550	37.196	27.8	0.132	1448.0	345
159	2	375	-1.579	-1.588	0.60	0.32	34.545	27.805	30.199	32.566	37.220	26.6	0.139	1447.2	370
159	2	400	-1.673	-1.683	0.52	0.22	34.549	27.811	30.206	32.575	37.231	25.8	0.145	1447.2	395
159	2	425	-1.744	-1.754	0.47	0.15	34.562	27.824	30.220	32.590	37.248	24.4	0.151	1447.3	419
159	2	450	-1.741	-1.752	0.50	0.16	34.590	27.846	30.243	32.612	37.270	22.2	0.157	1447.7	444

ST_85 160

77 58 S
175 32 W



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.973	-175.535	579	997.3	210	1.5	-2.2		0142	05	FEB	1985	ST	85	1	160

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
160	1	0	-0.376	-0.376	1.48	1.48	33.925	27.256	29.634	31.985	36.608	80.5	0.000	1446.0	0
160	1	10	-0.540	-0.540	1.33	1.32	33.953	27.286	29.667	32.020	36.647	77.6	0.008	1445.4	9
160	1	20	-0.735	-0.736	1.16	1.14	34.200	27.495	29.877	32.232	36.863	57.9	0.015	1445.0	19
160	1	30	-0.729	-0.730	1.17	1.15	34.279	27.558	29.940	32.295	36.925	51.8	0.020	1445.3	29
160	1	40	-1.065	-1.066	0.85	0.82	34.341	27.622	30.008	32.368	37.008	45.7	0.025	1443.9	39
160	1	50	-1.376	-1.377	0.55	0.51	34.372	27.658	30.049	32.414	37.062	42.2	0.029	1442.7	49
160	1	60	-1.490	-1.491	0.44	0.40	34.396	27.681	30.074	32.440	37.092	40.0	0.034	1442.3	59
160	1	70	-1.607	-1.609	0.33	0.28	34.409	27.695	30.090	32.458	37.113	38.5	0.038	1442.0	69
160	1	80	-1.656	-1.658	0.29	0.23	34.416	27.702	30.098	32.466	37.123	37.8	0.041	1441.9	79
160	1	90	-1.593	-1.595	0.36	0.30	34.427	27.709	30.104	32.471	37.126	37.1	0.045	1442.4	89
160	1	100	-1.624	-1.626	0.34	0.27	34.433	27.715	30.110	32.478	37.134	36.5	0.049	1442.4	98
160	1	125	-1.506	-1.509	0.48	0.39	34.452	27.727	30.120	32.486	37.138	35.3	0.058	1443.4	123
160	1	150	-1.427	-1.431	0.58	0.46	34.469	27.738	30.130	32.495	37.144	34.1	0.066	1444.2	148
160	1	175	-1.292	-1.296	0.73	0.60	34.485	27.747	30.136	32.499	37.144	33.3	0.075	1445.3	173
160	1	200	-1.098	-1.103	0.95	0.80	34.505	27.756	30.143	32.502	37.141	32.4	0.083	1446.6	197
160	1	225	-1.012	-1.018	1.05	0.88	34.521	27.766	30.151	32.509	37.146	31.4	0.091	1447.4	222
160	1	250	-1.155	-1.162	0.93	0.74	34.524	27.774	30.161	32.521	37.162	30.5	0.099	1447.2	247
160	1	275	-1.439	-1.446	0.66	0.46	34.528	27.787	30.178	32.543	37.193	29.0	0.106	1446.2	271
160	1	300	-1.526	-1.533	0.59	0.37	34.533	27.794	30.187	32.553	37.205	28.1	0.113	1446.2	296
160	1	325	-1.713	-1.721	0.43	0.18	34.536	27.802	30.198	32.567	37.224	27.1	0.120	1445.8	321
160	1	350	-1.754	-1.762	0.41	0.14	34.548	27.813	30.209	32.579	37.238	25.9	0.127	1446.0	345
160	1	375	-1.852	-1.860	0.33	0.05	34.559	27.824	30.222	32.593	37.255	24.5	0.133	1445.9	370
160	1	400	-1.867	-1.876	0.33	0.03	34.573	27.836	30.234	32.606	37.268	23.3	0.139	1446.3	395
160	1	425	-1.965	-1.974	0.26	-0.06	34.621	27.878	30.277	32.650	37.315	19.1	0.144	1446.3	420
160	1	450	-2.009	-2.019	0.24	-0.10	34.699	27.942	30.342	32.715	37.381	12.8	0.148	1446.6	444
160	1	475	-1.965	-1.976	0.30	-0.06	34.743	27.977	30.376	32.748	37.412	9.5	0.151	1447.3	469
160	1	500	-1.932	-1.944	0.35	-0.02	34.765	27.994	30.393	32.764	37.427	7.8	0.153	1447.9	494
160	1	550	-1.888	-1.901	0.44	0.02	34.802	28.023	30.421	32.791	37.452	4.9	0.156	1449.0	543
160	1	551	-1.888	-1.901	0.44	0.02	34.804	28.025	30.422	32.793	37.454	4.7	0.157	1449.0	544

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
160		1	-0.446	-0.446	33.954	27.268		16.5		23.5							13	1
160		28	-0.885	-0.886	34.293	27.559	8.13	22.5		54.5							11	28
160		57	-1.488	-1.489	34.390	27.666	6.61	27.5		68.0							9	56
160		88	-1.674	-1.676	34.425	27.710	5.99	29.5		72.0							7	87
160	1	117	-1.594	-1.597	34.446	27.725	6.20	30.0		74.0							5	116
160		146	-1.471	-1.474	34.466	27.736	6.13	30.0		74.5							3	145
160		442	-1.980	-1.990	34.694	27.919	6.40	30.0		76.5							1	437

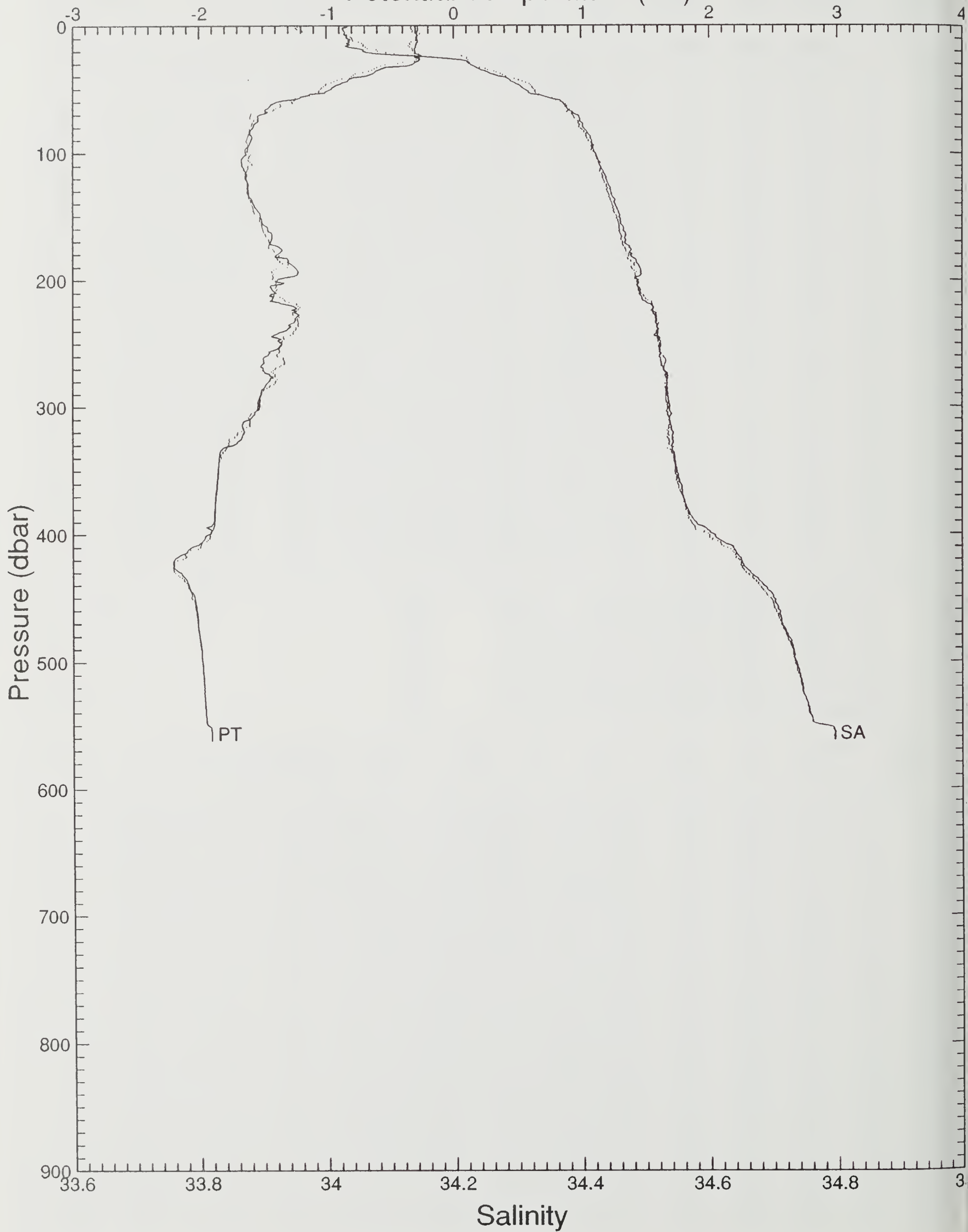
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.973	-175.572	579	997.3	210	1.5	-2.2		0221	05	FEB	1985	ST	85	2	160

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
160	2	0	-0.446	-0.446	1.42	1.42	33.935	27.268	29.647	31.999	36.623	79.4	0.000	1445.7	0
160	2	10	-0.235	-0.235	1.64	1.63	34.059	27.358	29.733	32.082	36.699	70.8	0.008	1447.0	9
160	2	20	-0.679	-0.680	1.21	1.20	34.199	27.491	29.873	32.227	36.856	58.2	0.014	1445.2	19
160	2	30	-0.948	-0.949	0.96	0.93	34.269	27.559	29.944	32.302	36.939	51.7	0.020	1444.2	29
160	2	40	-1.013	-1.014	0.90	0.87	34.325	27.607	29.993	32.352	36.990	47.1	0.024	1444.2	39
160	2	50	-1.334	-1.335	0.59	0.55	34.360	27.647	30.037	32.401	37.049	43.3	0.029	1442.9	49
160	2	60	-1.616	-1.617	0.32	0.27	34.388	27.678	30.073	32.441	37.097	40.2	0.033	1441.7	59
160	2	70	-1.668	-1.669	0.27	0.22	34.404	27.693	30.089	32.457	37.115	38.7	0.037	1441.7	69
160	2	80	-1.673	-1.675	0.28	0.22	34.420	27.706	30.102	32.471	37.128	37.4	0.041	1441.8	79
160	2	90	-1.672	-1.674	0.29	0.22	34.427	27.712	30.107	32.476	37.134	36.9	0.045	1442.0	89
160	2	100	-1.654	-1.656	0.31	0.24	34.431	27.714	30.110	32.478	37.135	36.5	0.048	1442.2	98
160	2	125	-1.546	-1.549	0.44	0.34	34.454	27.730	30.124	32.490	37.144	35.0	0.057	1443.2	123
160	2	150	-1.470	-1.474	0.53	0.42	34.466	27.737	30.130	32.495	37.146	34.2	0.066	1444.0	148
160	2	175	-1.189	-1.194	0.84	0.70	34.490	27.747	30.135	32.496	37.138	33.3	0.074	1445.8	173
160	2	200	-1.102	-1.107	0.94	0.79	34.504	27.755	30.142	32.502	37.141	32.5	0.083	1446.6	197
160	2	225	-1.019	-1.025	1.05	0.88	34.518	27.764	30.149	32.507	37.144	31.6	0.091	1447.4	222
160	2	250	-1.299	-1.306	0.78	0.60	34.516	27.772	30.162	32.525	37.170	30.5	0.098	1446.5	247
160	2	275	-1.391	-1.398	0.71	0.50	34.526	27.784	30.175	32.539	37.187	29.3	0.106	1446.5	271
160	2	300	-1.450	-1.458	0.67	0.45	34.533	27.791	30.183	32.548	37.198	28.4	0.113	1446.6	296
160	2	325	-1.741	-1.748	0.40	0.15	34.533	27.800	30.196	32.566	37.225	27.2	0.120	1445.6	321
160	2	350	-1.790	-1.798	0.37	0.11	34.544	27.810	30.208	32.578	37.238	26.0	0.127	1445.8	345
160	2	375	-1.849	-1.857	0.33	0.05	34.557	27.822	30.221	32.592	37.254	24.7	0.133	1446.0	370
160	2	400	-1.891	-1.900	0.31	0.01	34.571	27.835	30.234	32.605	37.268	23.3	0.139	1446.2	395
160	2	425	-2.001	-2.010	0.22	-0.10	34.625	27.882	30.282	32.655	37.321	18.6	0.144	1446.1	420

ST_85 161

77 54 S
175 34 W

Potential Temperature ($^{\circ}\text{C}$)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.892	-175.573	577	997.0	185	3.6	-1.7		0317	05	FEB	1985	ST	85	1	161

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
161	1	0	-0.281	-0.281	1.59	1.59	34.033	27.339	29.715	32.064	36.683	72.6	0.000	1446.5	0
161	1	10	-0.288	-0.288	1.59	1.58	34.032	27.339	29.715	32.064	36.683	72.6	0.007	1446.7	9
161	1	20	-0.303	-0.304	1.58	1.57	34.058	27.361	29.737	32.086	36.705	70.6	0.014	1446.8	19
161	1	30	-0.312	-0.313	1.59	1.57	34.226	27.497	29.872	32.221	36.839	57.6	0.021	1447.1	29
161	1	40	-0.698	-0.699	1.21	1.18	34.271	27.551	29.932	32.286	36.915	52.5	0.026	1445.6	39
161	1	50	-0.960	-0.961	0.96	0.92	34.311	27.593	29.979	32.337	36.974	48.4	0.031	1444.6	49
161	1	60	-1.384	-1.385	0.55	0.50	34.370	27.656	30.048	32.413	37.061	42.3	0.036	1442.8	59
161	1	70	-1.519	-1.521	0.42	0.37	34.392	27.679	30.072	32.439	37.092	40.1	0.040	1442.3	69
161	1	80	-1.570	-1.572	0.38	0.32	34.403	27.689	30.083	32.451	37.105	39.1	0.044	1442.3	79
161	1	90	-1.588	-1.590	0.37	0.30	34.417	27.701	30.096	32.463	37.118	37.9	0.048	1442.4	89
161	1	100	-1.629	-1.631	0.34	0.26	34.423	27.707	30.102	32.470	37.126	37.2	0.052	1442.4	98
161	1	125	-1.606	-1.609	0.38	0.28	34.443	27.723	30.117	32.485	37.140	35.6	0.061	1442.9	123
161	1	150	-1.513	-1.516	0.49	0.38	34.461	27.735	30.128	32.494	37.146	34.4	0.070	1443.8	148
161	1	175	-1.356	-1.360	0.67	0.54	34.476	27.742	30.132	32.496	37.143	33.7	0.078	1444.9	173
161	1	200	-1.381	-1.386	0.66	0.51	34.491	27.755	30.146	32.510	37.158	32.4	0.086	1445.3	197
161	1	225	-1.248	-1.254	0.82	0.65	34.512	27.767	30.156	32.518	37.162	31.2	0.094	1446.3	222
161	1	250	-1.344	-1.350	0.74	0.55	34.525	27.781	30.171	32.535	37.181	29.7	0.102	1446.3	247
161	1	275	-1.438	-1.445	0.67	0.46	34.534	27.792	30.183	32.548	37.197	28.5	0.109	1446.3	271
161	1	300	-1.516	-1.523	0.61	0.38	34.540	27.799	30.192	32.558	37.209	27.6	0.116	1446.3	296
161	1	325	-1.657	-1.665	0.48	0.24	34.544	27.807	30.202	32.570	37.226	26.7	0.123	1446.0	321
161	1	350	-1.842	-1.850	0.32	0.05	34.550	27.817	30.215	32.586	37.247	25.4	0.129	1445.6	345
161	1	375	-1.866	-1.874	0.31	0.03	34.563	27.828	30.226	32.598	37.260	24.2	0.136	1445.9	370
161	1	400	-1.923	-1.932	0.28	-0.02	34.606	27.864	30.263	32.635	37.299	20.5	0.141	1446.1	395
161	1	425	-2.193	-2.202	0.03	-0.29	34.654	27.910	30.313	32.689	37.361	15.8	0.146	1445.2	420
161	1	450	-2.025	-2.035	0.22	-0.12	34.700	27.943	30.344	32.717	37.383	12.7	0.149	1446.5	444
161	1	475	-1.993	-2.004	0.27	-0.09	34.719	27.958	30.358	32.731	37.395	11.2	0.152	1447.1	469
161	1	500	-1.964	-1.976	0.32	-0.06	34.736	27.971	30.370	32.743	37.406	9.9	0.155	1447.7	494
161	1	550	-1.919	-1.932	0.40	-0.01	34.772	27.999	30.398	32.769	37.431	7.0	0.159	1448.8	543
161	1	562	-1.891	-1.905	0.44	0.02	34.795	28.017	30.415	32.786	37.447	5.3	0.160	1449.1	555

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
161		1	-0.333	-0.333	34.000	27.279		16.0		22.5							13	1
161		43	-0.910	-0.911	34.282	27.584	7.92	20.0		55.0							11	42
161		73	-1.596	-1.598	34.394	27.679	6.40	29.0		70.0							9	72
161		115	-1.622	-1.625	34.435	27.712	6.37	29.0		73.0							7	114
161	1	223	-1.215	-1.221	34.512	27.766	6.07	30.5		78.5							5	220
161		425	-2.190	-2.199	34.655	27.906	6.50	31.0		76.0							3	420
161		563	-1.890	-1.904	34.796	28.018	6.42	30.0		77.5							1	556

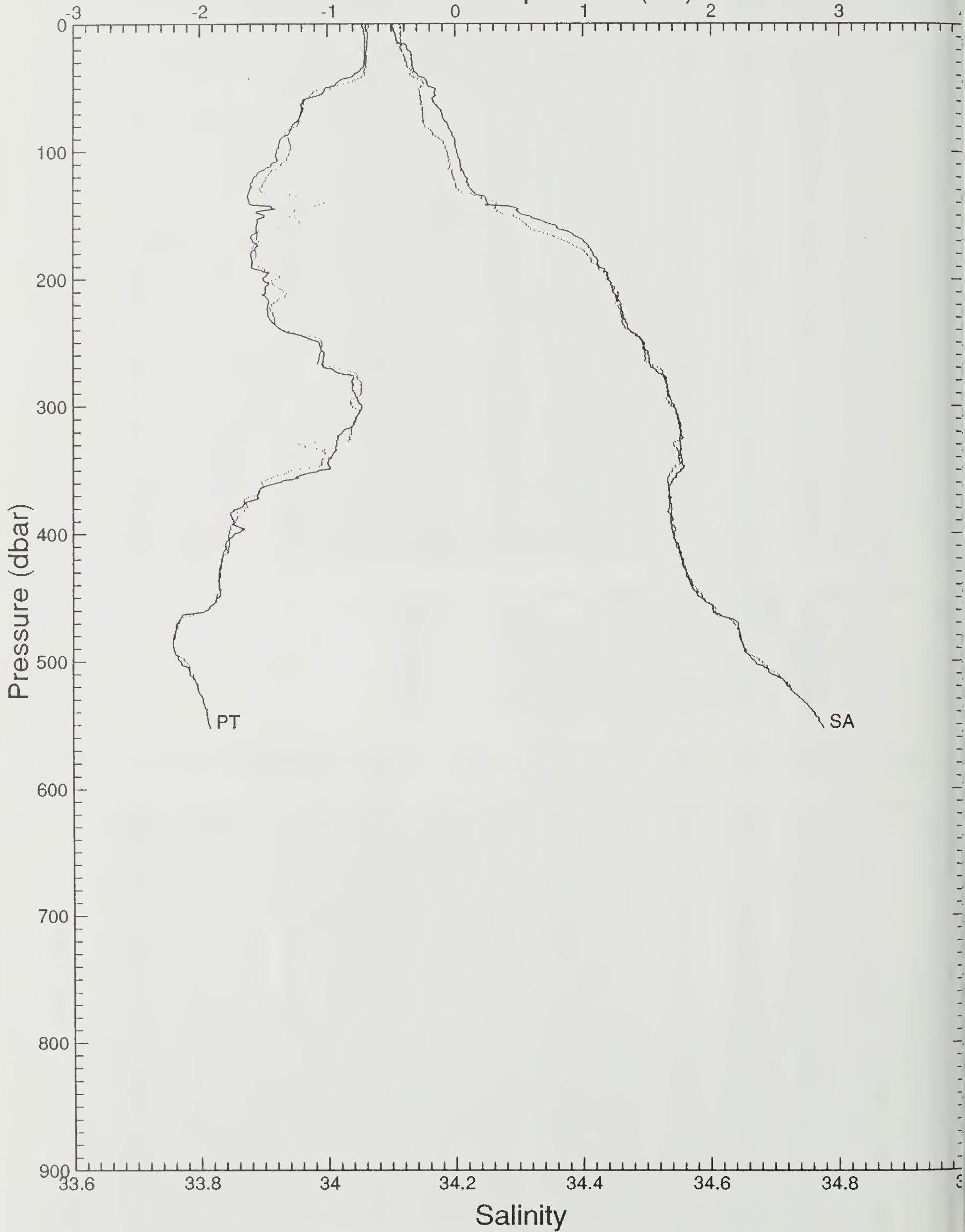
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.887	-175.580	577	997.0	185	3.6	-1.7		0351	05	FEB	1985	ST	85	2	161

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
161	2	0	-0.333	-0.333	1.53	1.53	33.956	27.280	29.657	32.007	36.628	78.3	0.000	1446.2	0
161	2	10	-0.295	-0.295	1.58	1.57	34.040	27.346	29.722	32.071	36.690	72.0	0.008	1446.7	9
161	2	20	-0.317	-0.318	1.57	1.55	34.081	27.380	29.756	32.106	36.725	68.7	0.015	1446.8	19
161	2	30	-0.435	-0.436	1.46	1.44	34.224	27.501	29.878	32.229	36.851	57.2	0.021	1446.6	29
161	2	40	-0.800	-0.801	1.11	1.08	34.282	27.564	29.946	32.302	36.934	51.2	0.026	1445.1	39
161	2	50	-1.045	-1.046	0.88	0.84	34.326	27.609	29.995	32.355	36.994	46.9	0.031	1444.2	49
161	2	60	-1.268	-1.269	0.66	0.62	34.368	27.651	30.041	32.403	37.049	42.8	0.036	1443.3	59
161	2	70	-1.589	-1.591	0.35	0.30	34.386	27.676	30.071	32.438	37.093	40.4	0.040	1442.0	69
161	2	80	-1.592	-1.594	0.36	0.30	34.397	27.685	30.080	32.447	37.102	39.5	0.044	1442.2	79
161	2	90	-1.623	-1.625	0.33	0.27	34.412	27.698	30.093	32.461	37.117	38.2	0.048	1442.2	89
161	2	100	-1.602	-1.604	0.36	0.29	34.423	27.706	30.101	32.469	37.124	37.3	0.052	1442.5	98
161	2	125	-1.617	-1.620	0.37	0.27	34.440	27.721	30.116	32.483	37.139	35.8	0.061	1442.8	123
161	2	150	-1.531	-1.534	0.47	0.36	34.456	27.731	30.125	32.491	37.144	34.8	0.069	1443.7	148
161	2	175	-1.446	-1.450	0.58	0.45	34.469	27.739	30.131	32.496	37.146	33.9	0.078	1444.5	173
161	2	200	-1.394	-1.399	0.65	0.50	34.489	27.754	30.145	32.509	37.157	32.5	0.086	1445.2	197
161	2	225	-1.258	-1.264	0.81	0.64	34.513	27.768	30.157	32.519	37.163	31.0	0.094	1446.3	222
161	2	250	-1.339	-1.345	0.74	0.56	34.523	27.779	30.170	32.533	37.179	29.9	0.102	1446.3	247
161	2	275	-1.395	-1.402	0.71	0.50	34.532	27.789	30.180	32.544	37.192	28.8	0.109	1446.5	271
161	2	300	-1.533	-1.540	0.59	0.36	34.536	27.796	30.189	32.556	37.208	27.9	0.116	1446.2	296
161	2	325	-1.755	-1.762	0.39	0.14	34.536	27.803	30.199	32.569	37.228	26.9	0.123	1445.6	321
161	2	350	-1.839	-1.847	0.32	0.06	34.547	27.814	30.212	32.583	37.245	25.6	0.130	1445.6	345
161	2	375	-1.863	-1.871	0.32	0.03	34.561	27.826	30.224	32.596	37.258	24.3	0.136	1445.9	370
161	2	400	-1.907	-1.916	0.29	-0.01	34.599	27.858	30.257	32.629	37.292	21.1	0.142	1446.1	395
161	2	425	-2.190	-2.199	0.03	-0.29	34.650	27.906	30.310	32.686	37.357	16.1	0.146	1445.2	420

ST_85 162

78 9 S
176 40 W

Potential Temperature ($^{\circ}\text{C}$)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.150	-176.670	599	995.6	110	5.2	-3.9	830	1059	05	FEB	1985	ST	85	1	162

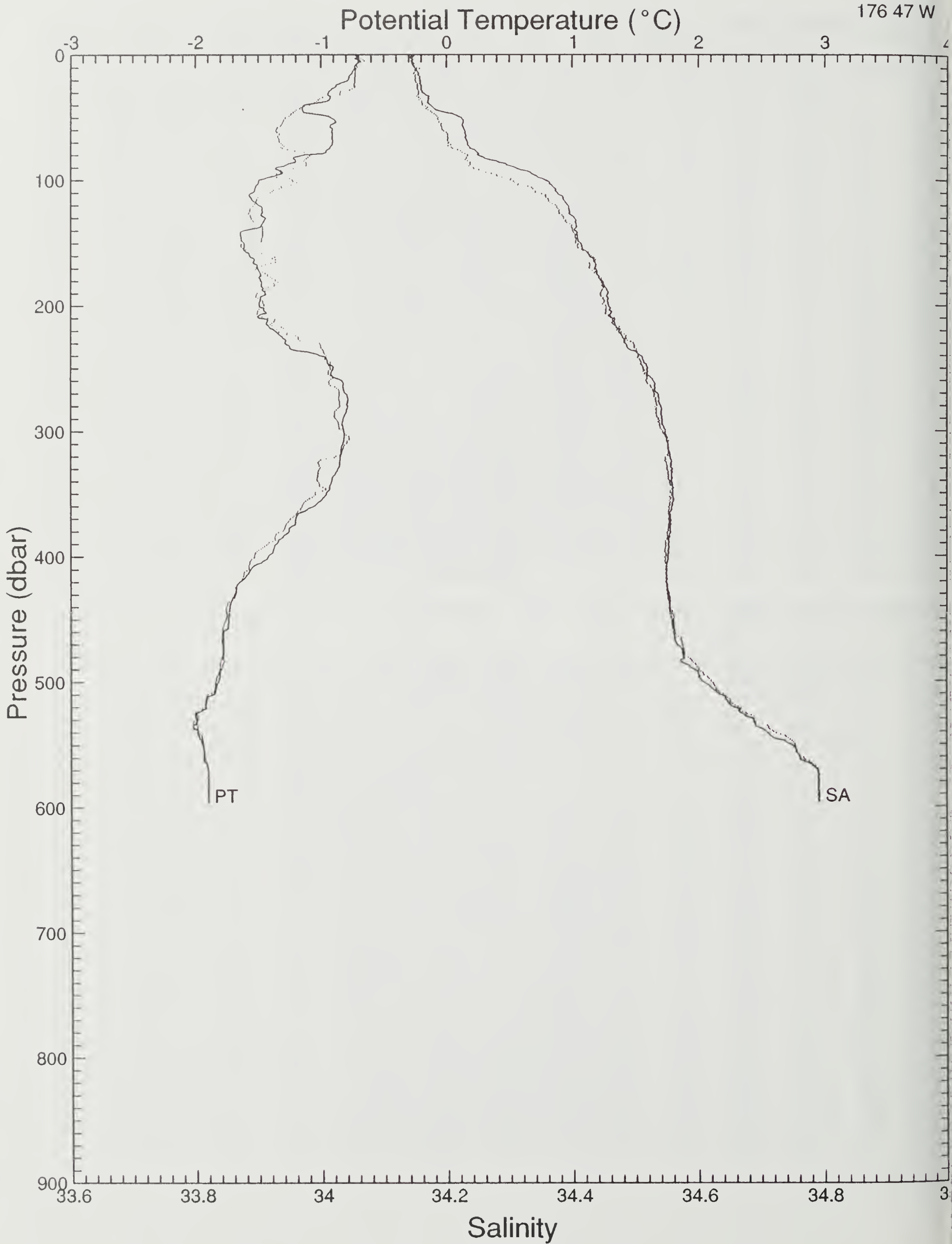
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
162	1	0	-0.726	-0.726	1.15	1.15	34.103	27.416	29.798	32.154	36.785	65.4	0.000	1444.6	0
162	1	10	-0.707	-0.707	1.17	1.16	34.107	27.418	29.800	32.155	36.786	65.1	0.007	1444.8	9
162	1	20	-0.707	-0.708	1.18	1.17	34.125	27.433	29.815	32.170	36.801	63.7	0.013	1445.0	19
162	1	30	-0.710	-0.711	1.19	1.16	34.133	27.439	29.821	32.177	36.807	63.1	0.019	1445.2	29
162	1	40	-0.792	-0.793	1.11	1.08	34.142	27.450	29.833	32.190	36.823	62.0	0.026	1445.0	39
162	1	50	-1.013	-1.014	0.90	0.86	34.167	27.479	29.865	32.225	36.865	59.2	0.032	1444.1	49
162	1	60	-1.188	-1.189	0.73	0.69	34.166	27.484	29.874	32.236	36.881	58.6	0.038	1443.5	59
162	1	70	-1.201	-1.203	0.73	0.67	34.180	27.496	29.886	32.248	36.893	57.4	0.043	1443.6	69
162	1	80	-1.274	-1.276	0.66	0.60	34.190	27.507	29.897	32.261	36.908	56.4	0.049	1443.4	79
162	1	90	-1.362	-1.364	0.58	0.51	34.200	27.518	29.910	32.275	36.924	55.3	0.055	1443.2	89
162	1	100	-1.393	-1.395	0.56	0.48	34.203	27.521	29.914	32.279	36.930	54.9	0.060	1443.2	98
162	1	125	-1.596	-1.599	0.38	0.28	34.222	27.543	29.938	32.307	36.964	52.6	0.074	1442.6	123
162	1	150	-1.486	-1.489	0.51	0.40	34.311	27.612	30.005	32.372	37.024	46.0	0.086	1443.7	148
162	1	175	-1.552	-1.556	0.47	0.34	34.409	27.694	30.088	32.455	37.108	38.2	0.096	1443.9	173
162	1	200	-1.491	-1.496	0.55	0.40	34.441	27.718	30.111	32.477	37.128	35.8	0.106	1444.7	197
162	1	225	-1.452	-1.457	0.61	0.44	34.463	27.734	30.127	32.492	37.142	34.1	0.114	1445.3	222
162	1	250	-1.051	-1.058	1.03	0.84	34.497	27.748	30.134	32.493	37.131	33.0	0.123	1447.6	247
162	1	275	-0.859	-0.867	1.24	1.04	34.521	27.760	30.143	32.499	37.131	32.0	0.131	1449.0	271
162	1	300	-0.714	-0.723	1.41	1.18	34.544	27.773	30.153	32.507	37.134	30.8	0.139	1450.1	296
162	1	325	-0.902	-0.912	1.24	0.99	34.553	27.788	30.171	32.527	37.160	29.2	0.146	1449.6	321
162	1	350	-1.049	-1.059	1.11	0.85	34.554	27.794	30.180	32.539	37.176	28.3	0.153	1449.4	345
162	1	375	-1.626	-1.635	0.55	0.27	34.537	27.800	30.195	32.562	37.217	27.1	0.160	1447.0	370
162	1	400	-1.717	-1.727	0.48	0.18	34.544	27.808	30.204	32.573	37.231	26.0	0.167	1447.0	395
162	1	425	-1.817	-1.827	0.40	0.08	34.558	27.822	30.220	32.591	37.252	24.4	0.173	1446.9	419
162	1	450	-1.848	-1.859	0.39	0.05	34.585	27.845	30.243	32.614	37.276	22.1	0.179	1447.2	444
162	1	475	-2.176	-2.186	0.08	-0.27	34.645	27.902	30.305	32.681	37.352	16.2	0.184	1446.1	469
162	1	500	-2.140	-2.151	0.14	-0.24	34.669	27.921	30.323	32.698	37.368	14.3	0.188	1446.7	494
162	1	550	-1.910	-1.923	0.41	0.00	34.774	28.001	30.399	32.770	37.432	6.9	0.193	1448.8	543
162	1	553	-1.902	-1.915	0.42	0.01	34.777	28.003	30.401	32.772	37.434	6.7	0.193	1448.9	546

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.155	-176.705	599	995.6	110	5.2	-3.9	500	1131	05	FEB	1985	ST	85	2	162

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
162	2	0	-0.678	-0.678	1.19	1.19	34.114	27.423	29.804	32.159	36.789	64.7	0.000	1444.8	0
162	2	10	-0.685	-0.685	1.19	1.19	34.115	27.424	29.805	32.160	36.790	64.6	0.006	1444.9	9
162	2	20	-0.691	-0.692	1.20	1.18	34.116	27.425	29.807	32.162	36.792	64.5	0.013	1445.1	19
162	2	30	-0.695	-0.696	1.20	1.18	34.124	27.431	29.813	32.168	36.799	63.8	0.019	1445.2	29
162	2	40	-0.708	-0.709	1.20	1.16	34.129	27.436	29.818	32.173	36.804	63.3	0.026	1445.3	39
162	2	50	-0.975	-0.976	0.94	0.90	34.146	27.460	29.846	32.206	36.844	61.0	0.032	1444.3	49
162	2	60	-1.177	-1.178	0.74	0.70	34.147	27.468	29.858	32.220	36.865	60.1	0.038	1443.5	59
162	2	70	-1.204	-1.206	0.72	0.67	34.149	27.471	29.861	32.223	36.869	59.8	0.044	1443.5	69
162	2	80	-1.237	-1.239	0.70	0.64	34.153	27.475	29.866	32.229	36.875	59.3	0.050	1443.5	79
162	2	90	-1.298	-1.300	0.65	0.58	34.176	27.496	29.887	32.251	36.899	57.3	0.056	1443.4	89
162	2	100	-1.292	-1.294	0.66	0.58	34.188	27.506	29.897	32.261	36.908	56.4	0.061	1443.6	98
162	2	125	-1.498	-1.501	0.47	0.38	34.201	27.523	29.917	32.284	36.938	54.6	0.075	1443.1	123
162	2	150	-1.327	-1.331	0.67	0.55	34.292	27.591	29.982	32.346	36.994	48.0	0.088	1444.4	148
162	2	175	-1.580	-1.584	0.44	0.31	34.392	27.681	30.075	32.443	37.097	39.4	0.099	1443.8	173
162	2	200	-1.393	-1.398	0.65	0.50	34.440	27.714	30.105	32.470	37.118	36.2	0.109	1445.1	197
162	2	225	-1.429	-1.435	0.63	0.46	34.461	27.732	30.124	32.489	37.138	34.4	0.117	1445.4	222
162	2	250	-1.031	-1.038	1.05	0.86	34.494	27.745	30.130	32.489	37.126	33.3	0.126	1447.7	247
162	2	275	-0.757	-0.766	1.34	1.14	34.527	27.761	30.142	32.496	37.125	32.0	0.134	1449.5	271
162	2	300	-0.782	-0.791	1.34	1.11	34.539	27.771	30.153	32.508	37.137	30.9	0.142	1449.8	296
162	2	325	-0.810	-0.820	1.33	1.09	34.558	27.788	30.170	32.525	37.155	29.2	0.149	1450.1	321
162	2	350	-1.264	-1.274	0.90	0.63	34.541	27.791	30.180	32.543	37.187	28.4	0.157	1448.3	345
162	2	375	-1.637	-1.646	0.54	0.26	34.538	27.801	30.196	32.564	37.219	26.9	0.163	1446.9	370
162	2	400	-1.758	-1.767	0.44	0.14	34.542	27.808	30.205	32.574	37.233	26.0	0.170	1446.8	395
162	2	425	-1.829	-1.839	0.39	0.07	34.561	27.825	30.223	32.594	37.255	24.2	0.176	1446.9	419
162	2	450	-1.857	-1.868	0.38	0.04	34.588	27.848	30.246	32.617	37.279	21.9	0.182	1447.2	444
162	2	475	-2.174	-2.184	0.09	-0.27	34.643	27.900	30.303	32.679	37.351	16.3	0.187	1446.1	469
162	2	500	-2.100	-2.111	0.18	-0.20	34.677	27.926	30.328	32.703	37.371	13.9	0.191	1446.9	494
162	2	524	-1.993	-2.005	0.31	-0.09	34.728	27.965	30.365	32.738	37.403	10.2	0.194	1447.9	517

ST_85 163

78 4 S
176 47 W



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.075	-176.788	620	995.6	320	1.0	-6.7	9505	1211	05	FEB	1985	ST	85	1	163

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
163	1	0	-0.717	-0.717	1.16	1.16	34.147	27.451	29.833	32.188	36.819	62.1	0.000	1444.7	0
163	1	10	-0.730	-0.730	1.15	1.14	34.149	27.453	29.835	32.191	36.822	61.8	0.006	1444.8	9
163	1	20	-0.781	-0.782	1.11	1.09	34.159	27.463	29.846	32.202	36.835	60.8	0.012	1444.7	19
163	1	30	-0.938	-0.939	0.96	0.94	34.162	27.472	29.857	32.216	36.853	59.9	0.018	1444.1	29
163	1	40	-1.134	-1.135	0.77	0.74	34.175	27.490	29.878	32.240	36.883	58.2	0.024	1443.4	39
163	1	50	-0.920	-0.921	0.99	0.96	34.224	27.521	29.906	32.264	36.901	55.2	0.030	1444.6	49
163	1	60	-0.906	-0.908	1.02	0.97	34.229	27.525	29.910	32.267	36.903	54.8	0.035	1444.9	59
163	1	70	-0.904	-0.906	1.03	0.97	34.234	27.529	29.914	32.271	36.907	54.4	0.041	1445.0	69
163	1	80	-1.130	-1.132	0.81	0.75	34.249	27.550	29.938	32.299	36.941	52.4	0.046	1444.2	79
163	1	90	-1.352	-1.354	0.60	0.53	34.309	27.606	29.997	32.362	37.010	46.9	0.051	1443.4	89
163	1	100	-1.489	-1.491	0.47	0.40	34.357	27.649	30.043	32.409	37.061	42.7	0.056	1442.9	98
163	1	125	-1.461	-1.464	0.52	0.43	34.396	27.680	30.073	32.438	37.090	39.7	0.066	1443.5	123
163	1	150	-1.605	-1.608	0.40	0.28	34.414	27.699	30.094	32.462	37.117	37.7	0.076	1443.3	148
163	1	175	-1.474	-1.478	0.55	0.42	34.440	27.716	30.109	32.475	37.126	36.1	0.085	1444.3	173
163	1	200	-1.481	-1.486	0.56	0.41	34.459	27.732	30.125	32.490	37.142	34.5	0.094	1444.7	197
163	1	225	-1.297	-1.303	0.76	0.60	34.481	27.744	30.133	32.496	37.142	33.3	0.102	1446.0	222
163	1	250	-0.894	-0.901	1.19	1.00	34.521	27.761	30.145	32.501	37.134	31.9	0.110	1448.4	247
163	1	275	-0.772	-0.780	1.33	1.12	34.539	27.771	30.152	32.507	37.136	31.0	0.118	1449.4	271
163	1	300	-0.804	-0.813	1.32	1.09	34.549	27.780	30.162	32.517	37.147	30.0	0.126	1449.7	296
163	1	325	-0.837	-0.847	1.30	1.06	34.559	27.790	30.172	32.528	37.159	29.0	0.133	1450.0	321
163	1	350	-0.945	-0.956	1.22	0.95	34.560	27.795	30.179	32.536	37.170	28.4	0.140	1449.9	345
163	1	375	-1.193	-1.204	0.99	0.70	34.558	27.803	30.191	32.552	37.193	27.3	0.147	1449.1	370
163	1	400	-1.407	-1.418	0.79	0.49	34.553	27.806	30.197	32.562	37.210	26.6	0.154	1448.5	395
163	1	425	-1.662	-1.673	0.56	0.24	34.552	27.813	30.208	32.577	37.233	25.5	0.161	1447.7	419
163	1	450	-1.726	-1.737	0.51	0.17	34.559	27.821	30.217	32.586	37.244	24.6	0.167	1447.8	444
163	1	475	-1.763	-1.775	0.49	0.14	34.576	27.836	30.232	32.602	37.261	23.0	0.173	1448.0	469
163	1	500	-1.804	-1.816	0.47	0.10	34.607	27.862	30.259	32.630	37.290	20.3	0.178	1448.3	494
163	1	550	-1.928	-1.941	0.39	-0.02	34.748	27.980	30.379	32.750	37.413	8.8	0.186	1448.7	543
163	1	596	-1.884	-1.899	0.48	0.03	34.793	28.016	30.413	32.784	37.445	5.3	0.189	1449.7	588

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
163		1	-0.699	-0.699	34.252	27.451		14.5		56.0							13	1
163		44	-1.195	-1.196	34.190	27.489	7.80	19.0		59.0							11	44
163		91	-1.217	-1.219	34.302	27.549	7.05	24.5		62.0							9	90
163	1	121	-1.534	-1.537	34.376	27.666	6.42	31.0		67.5							7	119
163		151	-1.630	-1.633	34.418	27.697	5.79	32.0		70.0							5	150
163		274	-0.846	-0.854	34.537	27.770	5.85	32.0		79.0							3	271
163	2	597	-1.884	-1.899	34.797	28.015	6.80	32.0		75.5							1	590

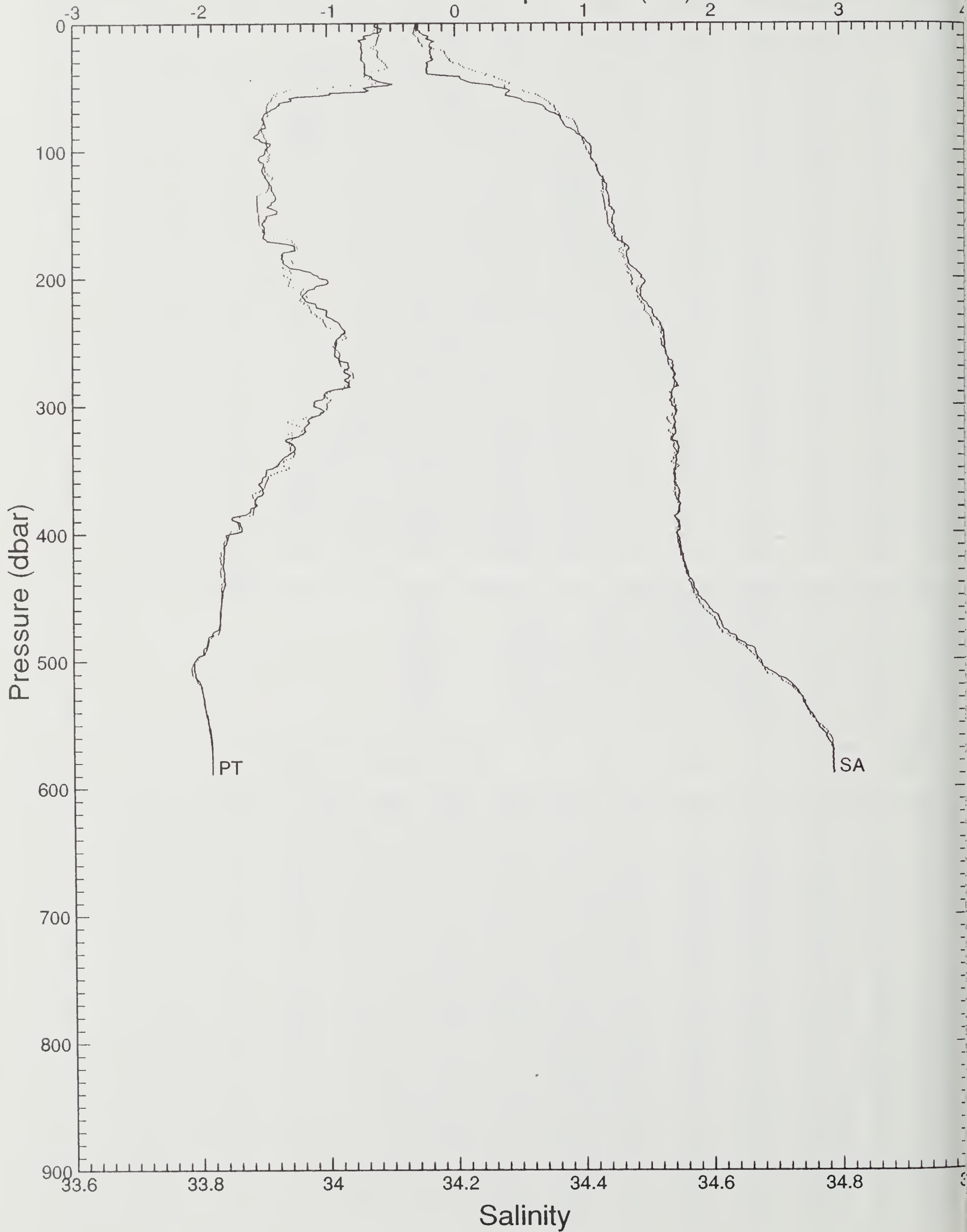
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.072	-176.798	620	995.6	320	1.0	-6.7	9870	1250	05	FEB	1985	ST	85	2	163

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
163	2	0	-0.700	-0.700	1.17	1.17	34.148	27.451	29.833	32.188	36.818	62.0	0.000	1444.8	0
163	2	10	-0.709	-0.709	1.17	1.17	34.153	27.455	29.837	32.192	36.823	61.6	0.006	1444.9	9
163	2	20	-0.727	-0.728	1.16	1.15	34.150	27.454	29.836	32.191	36.822	61.7	0.012	1445.0	19
163	2	30	-0.843	-0.844	1.05	1.03	34.156	27.463	29.847	32.204	36.839	60.8	0.019	1444.6	29
163	2	40	-1.088	-1.089	0.82	0.79	34.162	27.477	29.865	32.226	36.868	59.4	0.025	1443.6	39
163	2	50	-1.280	-1.281	0.63	0.60	34.187	27.504	29.895	32.259	36.906	56.7	0.030	1442.9	49
163	2	60	-1.353	-1.354	0.57	0.52	34.194	27.513	29.904	32.269	36.919	55.9	0.036	1442.7	59
163	2	70	-1.325	-1.327	0.60	0.55	34.204	27.520	29.911	32.275	36.924	55.2	0.042	1443.0	69
163	2	80	-1.069	-1.071	0.87	0.81	34.234	27.535	29.922	32.283	36.923	53.7	0.047	1444.4	79
163	2	90	-1.176	-1.178	0.77	0.70	34.243	27.546	29.935	32.297	36.941	52.6	0.052	1444.1	89
163	2	100	-1.226	-1.228	0.73	0.66	34.302	27.596	29.985	32.348	36.993	47.9	0.057	1444.1	98
163	2	125	-1.562	-1.565	0.42	0.32	34.379	27.669	30.064	32.431	37.085	40.7	0.068	1443.0	123
163	2	150	-1.479	-1.483	0.52	0.41	34.406	27.689	30.082	32.448	37.099	38.8	0.078	1443.9	148
163	2	175	-1.417	-1.421	0.60	0.47	34.440	27.714	30.106	32.471	37.120	36.3	0.088	1444.6	173
163	2	200	-1.445	-1.450	0.60	0.45	34.454	27.727	30.119	32.484	37.134	35.0	0.097	1444.9	197
163	2	225	-1.171	-1.177	0.89	0.72	34.486	27.743	30.131	32.492	37.134	33.5	0.105	1446.6	222
163	2	250	-0.916	-0.923	1.17	0.98	34.514	27.757	30.140	32.497	37.131	32.3	0.113	1448.3	247
163	2	275	-0.847	-0.855	1.26	1.05	34.533	27.769	30.152	32.507	37.139	31.1	0.121	1449.1	271
163	2	300	-0.809	-0.818	1.31	1.09	34.545	27.777	30.159	32.514	37.145	30.3	0.129	1449.7	296
163	2	325	-1.010	-1.020	1.13	0.89	34.550	27.789	30.174	32.533	37.169	28.9	0.136	1449.1	321
163	2	350	-1.034	-1.044	1.13	0.86	34.557	27.796	30.181	32.540	37.177	28.2	0.143	1449.4	345
163	2	375	-1.269	-1.279	0.91	0.63	34.554	27.802	30.191	32.553	37.197	27.2	0.150	1448.7	370
163	2	400	-1.519	-1.529	0.68	0.38	34.550	27.807	30.200	32.566	37.218	26.4	0.157	1447.9	395
163	2	425	-1.667	-1.677	0.55	0.23	34.552	27.813	30.209	32.577	37.233	25.5	0.164	1447.6	419

ST_85 164

78 0 S
176 47 W

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.002	-176.780	610	994.9	130	1.0	-6.7		1339	05	FEB	1985	ST	85	1	164

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
164	1	0	-0.618	-0.618	1.25	1.25	34.143	27.443	29.824	32.178	36.806	62.8	0.000	1445.1	0
164	1	10	-0.714	-0.714	1.17	1.16	34.159	27.460	29.842	32.198	36.828	61.1	0.006	1444.9	9
164	1	20	-0.727	-0.728	1.16	1.15	34.164	27.465	29.847	32.203	36.833	60.6	0.012	1445.0	19
164	1	30	-0.717	-0.718	1.18	1.16	34.160	27.461	29.843	32.199	36.829	61.0	0.018	1445.2	29
164	1	40	-0.707	-0.708	1.20	1.17	34.158	27.459	29.841	32.196	36.827	61.1	0.025	1445.4	39
164	1	50	-0.645	-0.646	1.27	1.23	34.261	27.540	29.921	32.274	36.902	53.5	0.030	1446.0	49
164	1	60	-1.273	-1.274	0.66	0.61	34.305	27.600	29.990	32.353	36.999	47.7	0.035	1443.2	59
164	1	70	-1.468	-1.470	0.47	0.42	34.349	27.642	30.035	32.401	37.053	43.6	0.040	1442.5	69
164	1	80	-1.477	-1.479	0.47	0.41	34.372	27.661	30.054	32.420	37.072	41.7	0.044	1442.7	79
164	1	90	-1.557	-1.559	0.40	0.33	34.402	27.688	30.082	32.449	37.103	39.1	0.048	1442.5	89
164	1	100	-1.476	-1.478	0.49	0.41	34.413	27.694	30.087	32.453	37.104	38.5	0.052	1443.1	98
164	1	125	-1.446	-1.449	0.54	0.44	34.434	27.710	30.103	32.468	37.118	36.9	0.061	1443.6	123
164	1	150	-1.428	-1.432	0.58	0.46	34.449	27.722	30.114	32.479	37.129	35.6	0.071	1444.2	148
164	1	175	-1.241	-1.246	0.78	0.65	34.470	27.733	30.122	32.484	37.128	34.6	0.079	1445.5	173
164	1	200	-1.049	-1.055	1.00	0.84	34.491	27.743	30.129	32.488	37.126	33.7	0.088	1446.8	197
164	1	225	-0.993	-0.999	1.07	0.90	34.509	27.755	30.140	32.498	37.134	32.4	0.096	1447.5	222
164	1	250	-0.917	-0.924	1.17	0.98	34.528	27.768	30.151	32.508	37.142	31.2	0.104	1448.3	247
164	1	275	-0.825	-0.833	1.28	1.07	34.545	27.778	30.160	32.515	37.146	30.3	0.112	1449.2	271
164	1	300	-1.098	-1.107	1.02	0.80	34.539	27.784	30.170	32.530	37.169	29.4	0.119	1448.3	296
164	1	325	-1.260	-1.269	0.88	0.64	34.541	27.791	30.180	32.542	37.186	28.5	0.126	1447.9	321
164	1	350	-1.465	-1.474	0.70	0.43	34.543	27.800	30.192	32.557	37.207	27.4	0.133	1447.4	345
164	1	375	-1.557	-1.566	0.62	0.34	34.549	27.808	30.201	32.568	37.221	26.4	0.140	1447.3	370
164	1	400	-1.744	-1.754	0.45	0.15	34.545	27.810	30.206	32.576	37.235	25.9	0.147	1446.9	395
164	1	425	-1.805	-1.815	0.41	0.09	34.559	27.823	30.220	32.591	37.251	24.4	0.153	1447.0	419
164	1	450	-1.812	-1.823	0.43	0.09	34.579	27.839	30.237	32.607	37.268	22.7	0.159	1447.4	444
164	1	475	-1.842	-1.853	0.42	0.06	34.617	27.871	30.269	32.640	37.301	19.6	0.164	1447.7	469
164	1	500	-2.032	-2.043	0.25	-0.13	34.675	27.923	30.324	32.697	37.364	14.3	0.168	1447.3	494
164	1	550	-1.922	-1.935	0.40	-0.01	34.765	27.994	30.392	32.764	37.426	7.5	0.174	1448.7	543
164	1	589	-1.893	-1.908	0.46	0.02	34.788	28.012	30.410	32.781	37.442	5.7	0.176	1449.6	581

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
164		1	-0.606	-0.606	34.042	27.440		11.0		56.5							13	1
164	1	43	-0.661	-0.662	34.263	27.542	6.70	26.5		61.0							11	43
164		88	-1.485	-1.487	34.401	27.680	6.29	31.5		70.0							9	87
164	1	120	-1.419	-1.422	34.432	27.708	6.21	31.5		73.0							7	119
164		151	-1.524	-1.527	34.442	27.716	6.24	31.0		73.0							5	149
164		273	-0.804	-0.812	34.547	27.775	5.76	31.0		80.5							3	270
164	3	485	-1.922	-1.933	34.636	27.890	6.48	28.5		73.5							1	479

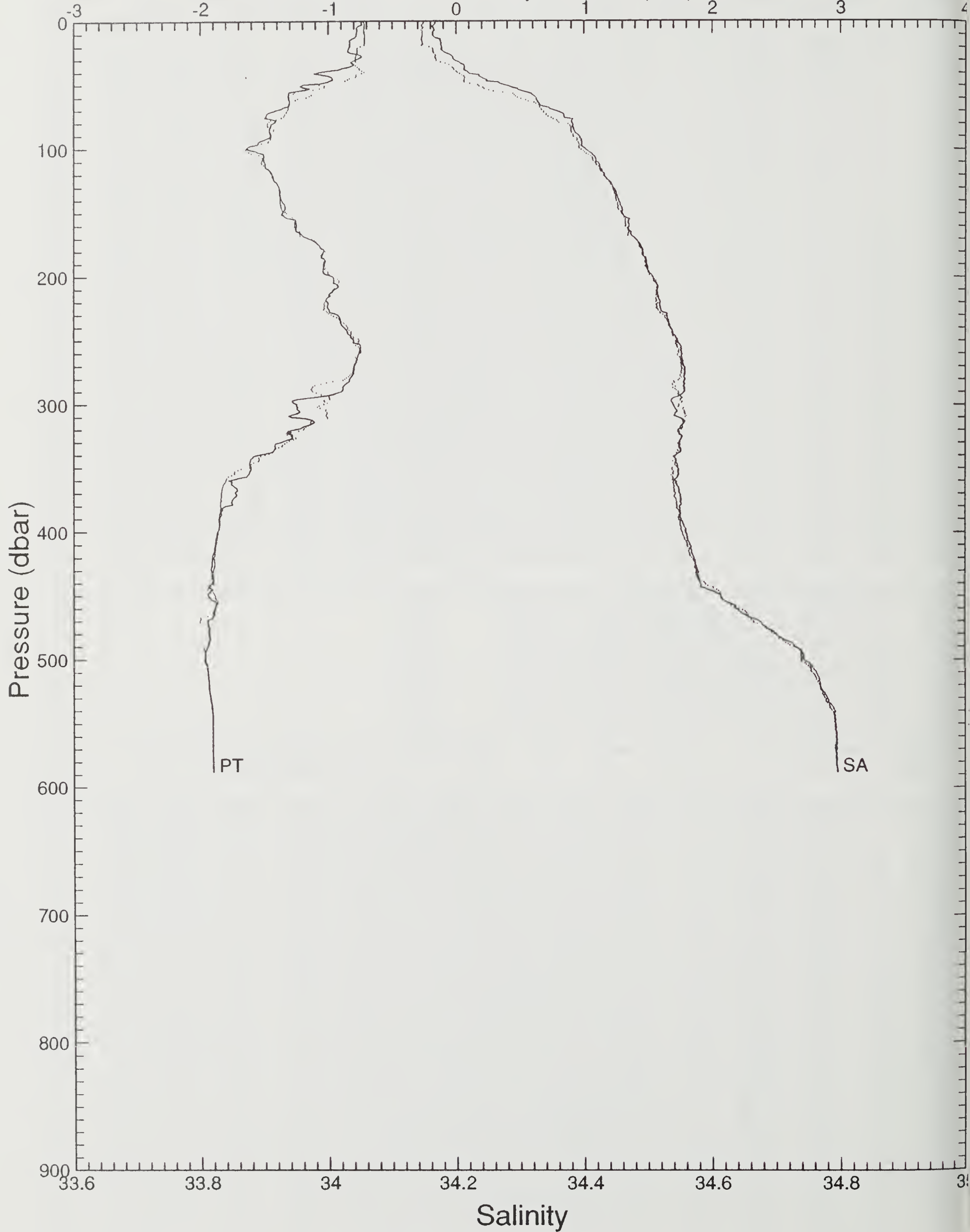
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.992	-176.778	610	994.9	130	1.0	-6.7		1417	05	FEB	1985	ST	85	2	164

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
164	2	0	-0.606	-0.606	1.27	1.27	34.139	27.440	29.820	32.174	36.801	63.1	0.000	1445.2	0
164	2	10	-0.591	-0.591	1.29	1.28	34.139	27.439	29.819	32.173	36.800	63.1	0.006	1445.4	9
164	2	20	-0.632	-0.633	1.26	1.24	34.168	27.464	29.845	32.199	36.827	60.7	0.013	1445.4	19
164	2	30	-0.563	-0.564	1.34	1.31	34.194	27.482	29.862	32.215	36.840	59.0	0.019	1445.9	29
164	2	40	-0.695	-0.696	1.21	1.18	34.250	27.533	29.915	32.269	36.898	54.1	0.024	1445.6	39
164	2	50	-0.946	-0.947	0.97	0.94	34.278	27.566	29.951	32.309	36.946	50.9	0.029	1444.6	49
164	2	60	-1.426	-1.427	0.50	0.46	34.341	27.634	30.027	32.392	37.042	44.4	0.034	1442.6	59
164	2	70	-1.467	-1.469	0.47	0.42	34.362	27.653	30.045	32.411	37.063	42.6	0.039	1442.6	69
164	2	80	-1.500	-1.502	0.45	0.39	34.390	27.676	30.070	32.436	37.088	40.3	0.043	1442.6	79
164	2	90	-1.478	-1.480	0.48	0.41	34.399	27.683	30.076	32.442	37.093	39.6	0.047	1442.9	89
164	2	100	-1.461	-1.463	0.50	0.43	34.407	27.689	30.082	32.447	37.098	39.0	0.051	1443.1	98
164	2	125	-1.443	-1.446	0.54	0.45	34.431	27.708	30.100	32.465	37.116	37.1	0.060	1443.7	123
164	2	150	-1.524	-1.527	0.48	0.37	34.438	27.716	30.110	32.476	37.129	36.2	0.069	1443.7	148
164	2	175	-1.226	-1.231	0.80	0.67	34.466	27.729	30.118	32.479	37.123	35.0	0.078	1445.5	173
164	2	200	-1.276	-1.281	0.77	0.62	34.477	27.740	30.129	32.492	37.137	33.8	0.087	1445.7	197
164	2	225	-1.116	-1.122	0.95	0.78	34.497	27.750	30.137	32.497	37.137	32.8	0.095	1446.9	222
164	2	250	-0.928	-0.935	1.16	0.97	34.523	27.764	30.148	32.505	37.139	31.6	0.103	1448.3	247
164	2	275	-0.786	-0.794	1.32	1.11	34.544	27.776	30.157	32.512	37.141	30.6	0.111	1449.4	271
164	2	300	-0.990	-0.999	1.13	0.91	34.545	27.785	30.169	32.527	37.163	29.5	0.118	1448.8	296
164	2	325	-1.242	-1.251	0.90	0.65	34.538	27.788	30.177	32.539	37.182	28.8	0.126	1448.0	321
164	2	350	-1.311	-1.320	0.85	0.58	34.545	27.796	30.186	32.549	37.194	27.9	0.133	1448.1	345
164	2	375	-1.554	-1.563	0.62	0.34	34.547	27.806	30.199	32.566	37.219	26.6	0.140	1447.4	370
164	2	400	-1.760	-1.769	0.44	0.14	34.547	27.812	30.209	32.578	37.238	25.6	0.146	1446.8	395
164	2	425	-1.811	-1.821	0.41	0.09	34.558	27.822	30.220	32.590	37.251	24.5	0.152	1447.0	420

ST_85 165

77 55 S
176 45 W

Potential Temperature (°C)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.920	-176.755	611	994.6	135	1.5	-6.1		1514	05	FEB	1985	ST	85	1	165

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
165	1	0	-0.741	-0.741	1.13	1.13	34.168	27.469	29.851	32.207	36.838	60.3	0.000	1444.6	0
165	1	10	-0.780	-0.780	1.10	1.09	34.164	27.467	29.850	32.206	36.839	60.5	0.006	1444.6	9
165	1	20	-0.830	-0.831	1.06	1.04	34.177	27.480	29.863	32.220	36.854	59.2	0.012	1444.5	19
165	1	30	-0.777	-0.778	1.12	1.10	34.197	27.494	29.877	32.233	36.865	57.9	0.018	1444.9	29
165	1	40	-1.072	-1.073	0.84	0.81	34.219	27.523	29.910	32.271	36.912	55.0	0.024	1443.7	39
165	1	50	-1.195	-1.196	0.72	0.69	34.275	27.573	29.962	32.324	36.968	50.3	0.029	1443.4	49
165	1	60	-1.308	-1.309	0.62	0.58	34.325	27.617	30.008	32.371	37.019	46.0	0.034	1443.1	59
165	1	70	-1.405	-1.407	0.53	0.48	34.353	27.643	30.035	32.400	37.050	43.5	0.038	1442.8	69
165	1	80	-1.423	-1.425	0.52	0.46	34.381	27.667	30.059	32.424	37.074	41.2	0.042	1443.0	79
165	1	90	-1.442	-1.444	0.51	0.45	34.392	27.676	30.069	32.434	37.084	40.3	0.046	1443.0	89
165	1	100	-1.633	-1.635	0.33	0.25	34.402	27.690	30.085	32.454	37.110	38.8	0.050	1442.3	98
165	1	125	-1.419	-1.422	0.56	0.47	34.440	27.715	30.106	32.471	37.121	36.5	0.060	1443.8	123
165	1	150	-1.354	-1.358	0.65	0.54	34.459	27.728	30.118	32.482	37.130	35.1	0.069	1444.5	148
165	1	175	-1.063	-1.068	0.96	0.83	34.489	27.742	30.128	32.487	37.125	33.9	0.077	1446.3	173
165	1	200	-0.955	-0.961	1.09	0.94	34.508	27.753	30.137	32.495	37.130	32.8	0.086	1447.3	197
165	1	225	-0.992	-0.998	1.07	0.90	34.520	27.764	30.149	32.507	37.143	31.6	0.094	1447.5	222
165	1	250	-0.790	-0.798	1.29	1.11	34.546	27.777	30.159	32.514	37.143	30.5	0.101	1448.9	247
165	1	275	-0.791	-0.799	1.31	1.11	34.559	27.788	30.169	32.524	37.154	29.4	0.109	1449.4	271
165	1	300	-1.235	-1.243	0.89	0.66	34.540	27.790	30.178	32.540	37.183	28.8	0.116	1447.6	296
165	1	325	-1.268	-1.277	0.87	0.63	34.554	27.802	30.191	32.553	37.197	27.5	0.123	1447.9	321
165	1	350	-1.593	-1.602	0.57	0.30	34.547	27.807	30.201	32.568	37.222	26.6	0.130	1446.8	345
165	1	375	-1.739	-1.748	0.44	0.16	34.552	27.815	30.212	32.581	37.240	25.5	0.137	1446.5	370
165	1	400	-1.857	-1.866	0.34	0.04	34.560	27.825	30.223	32.595	37.257	24.3	0.143	1446.3	395
165	1	425	-1.897	-1.907	0.32	0.00	34.575	27.838	30.237	32.609	37.272	22.8	0.149	1446.6	420
165	1	450	-1.925	-1.935	0.31	-0.03	34.615	27.872	30.271	32.643	37.307	19.5	0.154	1446.9	444
165	1	475	-1.918	-1.929	0.34	-0.01	34.686	27.929	30.328	32.700	37.363	14.0	0.158	1447.4	469
165	1	500	-1.947	-1.959	0.34	-0.04	34.743	27.976	30.375	32.747	37.411	9.4	0.161	1447.8	494
165	1	550	-1.890	-1.903	0.44	0.02	34.793	28.016	30.413	32.784	37.445	5.5	0.165	1448.9	543
165	1	588	-1.884	-1.899	0.47	0.03	34.795	28.017	30.415	32.786	37.447	5.2	0.167	1449.6	580

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
165	1	1	-0.724	-0.724	34.149	27.453		12.0		55.0							13	1
165		44	-0.786	-0.787	34.242	27.508	7.93	19.0		57.5							11	43
165		91	-1.453	-1.455	34.395	27.670	6.31	32.0		69.0							9	90
165	1	116	-1.458	-1.461	34.425	27.704	6.28	33.0		71.0							7	115
165		151	-1.295	-1.299	34.463	27.728	6.15	33.0		74.0							5	149
165		267	-0.766	-0.774	34.554	27.782	5.80	32.5		81.5							3	264

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.917	-176.852	611	994.6	135	1.5	0.0		1547	05	FEB	1985	ST	85	2	165

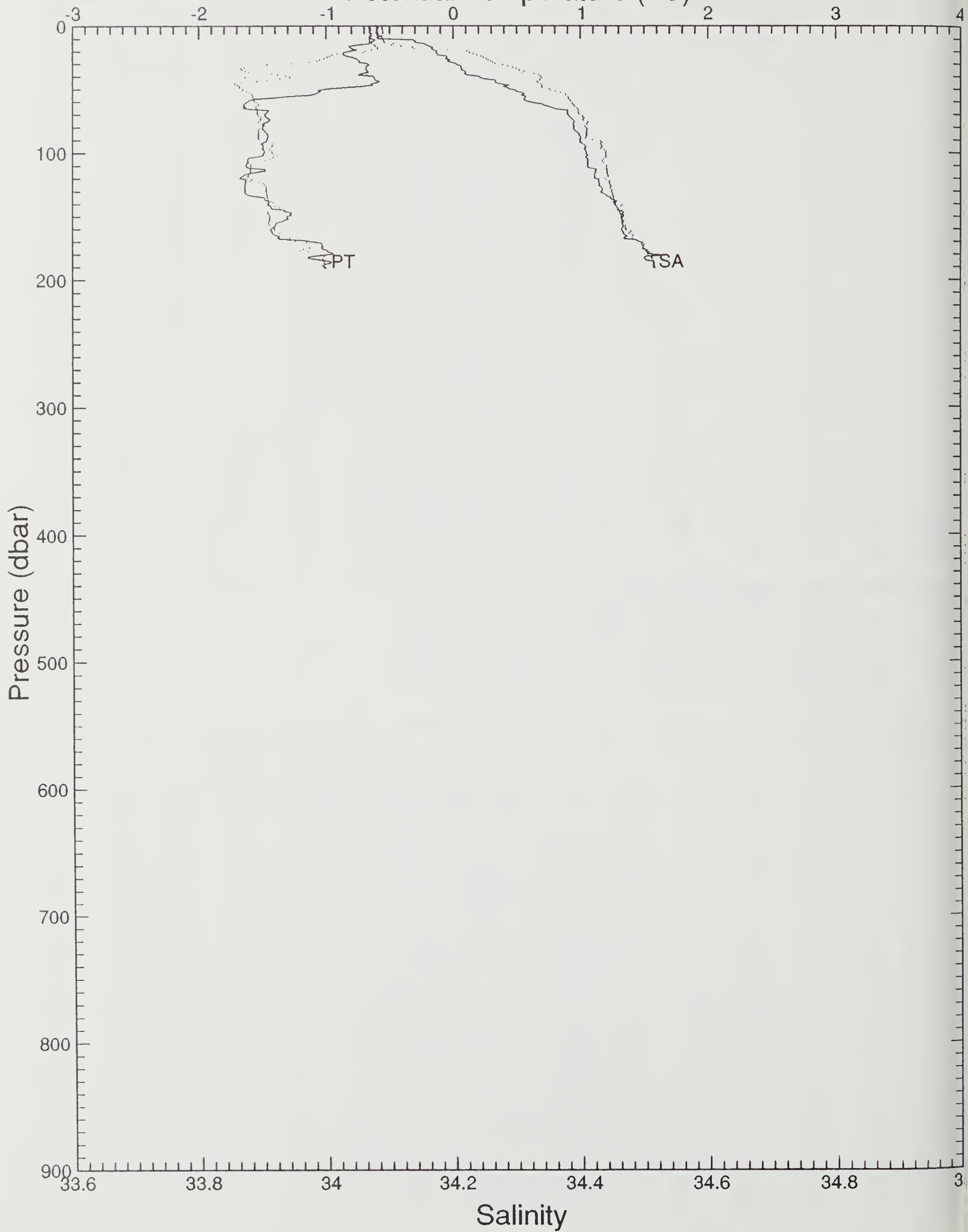
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
165	2	0	-0.724	-0.724	1.15	1.15	34.150	27.454	29.836	32.191	36.822	61.8	0.000	1444.6	0
165	2	10	-0.718	-0.718	1.16	1.16	34.147	27.451	29.833	32.188	36.819	62.0	0.006	1444.8	9
165	2	20	-0.749	-0.750	1.14	1.13	34.158	27.461	29.844	32.199	36.831	61.0	0.012	1444.9	19
165	2	30	-0.785	-0.786	1.11	1.09	34.169	27.472	29.855	32.211	36.843	60.0	0.018	1444.9	29
165	2	40	-0.716	-0.717	1.19	1.16	34.202	27.495	29.877	32.232	36.863	57.7	0.024	1445.4	39
165	2	50	-1.069	-1.070	0.85	0.81	34.234	27.535	29.922	32.283	36.923	53.9	0.030	1443.9	49
165	2	60	-1.172	-1.173	0.76	0.71	34.296	27.589	29.978	32.339	36.982	48.7	0.035	1443.7	59
165	2	70	-1.317	-1.319	0.62	0.57	34.334	27.625	30.016	32.379	37.027	45.2	0.040	1443.2	69
165	2	80	-1.470	-1.472	0.48	0.42	34.361	27.652	30.045	32.411	37.062	42.6	0.044	1442.7	79
165	2	90	-1.450	-1.452	0.51	0.44	34.383	27.669	30.062	32.427	37.078	40.9	0.048	1443.0	89
165	2	100	-1.638	-1.640	0.33	0.25	34.393	27.683	30.078	32.447	37.103	39.5	0.052	1442.3	98
165	2	125	-1.409	-1.412	0.57	0.48	34.439	27.713	30.105	32.470	37.119	36.6	0.062	1443.8	123
165	2	150	-1.322	-1.326	0.68	0.57	34.460	27.728	30.118	32.481	37.127	35.2	0.071	1444.7	148
165	2	175	-1.065	-1.070	0.96	0.83	34.487	27.740	30.126	32.485	37.124	34.0	0.079	1446.3	173
165	2	200	-0.955	-0.961	1.09	0.94	34.507	27.752	30.137	32.494	37.129	32.8	0.088	1447.3	197
165	2	225	-1.022	-1.028	1.04	0.87	34.514	27.761	30.146	32.504	37.141	31.9	0.096	1447.4	222
165	2	250	-0.748	-0.756	1.34	1.15	34.545	27.775	30.156	32.510	37.138	30.7	0.104	1449.1	247
165	2	275	-0.800	-0.808	1.30	1.10	34.552	27.783	30.164	32.519	37.149	29.9	0.111	1449.3	271
165	2	300	-1.022	-1.031	1.10	0.87	34.549	27.789	30.174	32.533	37.169	29.0	0.119	1448.7	296
165	2	325	-1.279	-1.288	0.86	0.62	34.554	27.803	30.192	32.554	37.198	27.4	0.126	1447.9	321
165	2	350	-1.603	-1.612	0.56	0.29	34.539	27.801	30.195	32.562	37.217	27.1	0.133	1446.7	345
165	2	375	-1.828	-1.837	0.35	0.07	34.545	27.812	30.210	32.581	37.242	25.7	0.139	1446.0	370
165	2	400	-1.852	-1.861	0.35	0.05	34.554	27.820	30.218	32.590	37.251	24.8	0.145	1446.3	395
165	2	425	-1.875	-1.885	0.34	0.02	34.574	27.837	30.235	32.607	37.269	23.0	0.151	1446.7	420
165	2	450	-1.872	-1.882	0.37	0.03	34.615	27.870	30.269	32.640	37.302	19.7	0.157	1447.1	444

ST_85 166

78 3 S

177 35 W

Potential Temperature ($^{\circ}\text{C}$)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.042	-177.583	#650	994.2	155	2.6	-7.8		1800	05	FEB	1985	ST	85	1	166

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
166	1	0	-0.661	-0.661	1.21	1.21	34.083	27.397	29.778	32.133	36.763	67.2	0.000	1444.8	0
166	1	10	-0.647	-0.647	1.23	1.22	34.082	27.395	29.777	32.131	36.760	67.3	0.007	1445.1	9
166	1	20	-0.812	-0.813	1.08	1.06	34.175	27.477	29.861	32.217	36.851	59.5	0.013	1444.6	19
166	1	30	-0.674	-0.675	1.23	1.20	34.204	27.495	29.876	32.231	36.860	57.8	0.019	1445.4	29
166	1	40	-0.628	-0.629	1.28	1.25	34.240	27.522	29.903	32.256	36.884	55.2	0.025	1445.9	39
166	1	50	-1.000	-1.001	0.92	0.88	34.288	27.576	29.962	32.321	36.959	50.0	0.030	1444.3	49
166	1	60	-1.614	-1.615	0.31	0.27	34.318	27.621	30.017	32.385	37.042	45.6	0.035	1441.6	59
166	1	70	-1.479	-1.481	0.46	0.41	34.380	27.668	30.061	32.427	37.078	41.2	0.039	1442.5	69
166	1	80	-1.494	-1.496	0.45	0.39	34.390	27.676	30.069	32.436	37.088	40.3	0.043	1442.6	79
166	1	90	-1.461	-1.463	0.49	0.43	34.400	27.683	30.076	32.442	37.093	39.6	0.047	1443.0	89
166	1	100	-1.480	-1.482	0.48	0.41	34.410	27.692	30.085	32.451	37.102	38.7	0.051	1443.0	98
166	1	125	-1.632	-1.635	0.35	0.26	34.431	27.714	30.109	32.477	37.133	36.5	0.060	1442.8	123
166	1	150	-1.304	-1.308	0.70	0.59	34.468	27.733	30.123	32.486	37.132	34.6	0.069	1444.8	148
166	1	175	-1.029	-1.034	1.00	0.86	34.499	27.749	30.134	32.493	37.130	33.2	0.078	1446.5	173
166	1	191	-0.998	-1.003	1.04	0.90	34.515	27.760	30.145	32.503	37.139	32.1	0.083	1447.0	188

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
166		1	-0.651	-0.651	34.007	27.400		12.5		30.0							13	1
166		17	-0.594	-0.594	34.122	27.437	6.70	14.0		30.0							11	17
166		28	-1.072	-1.073	34.287	27.556		24.0		53.5							9	28
166		29	-1.133	-1.134	34.280	27.560	7.51	23.5		46.0							7	28
166		57	-1.571	-1.572	34.385	27.671	6.56	26.0		66.0							5	56
166		86	-1.528	-1.530	34.425	27.694	6.53	24.0		68.0							3	85

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.972	-178.293	#650	994.2	155	2.6	-7.8		0247	05	FEB	1985	ST	85	2	166

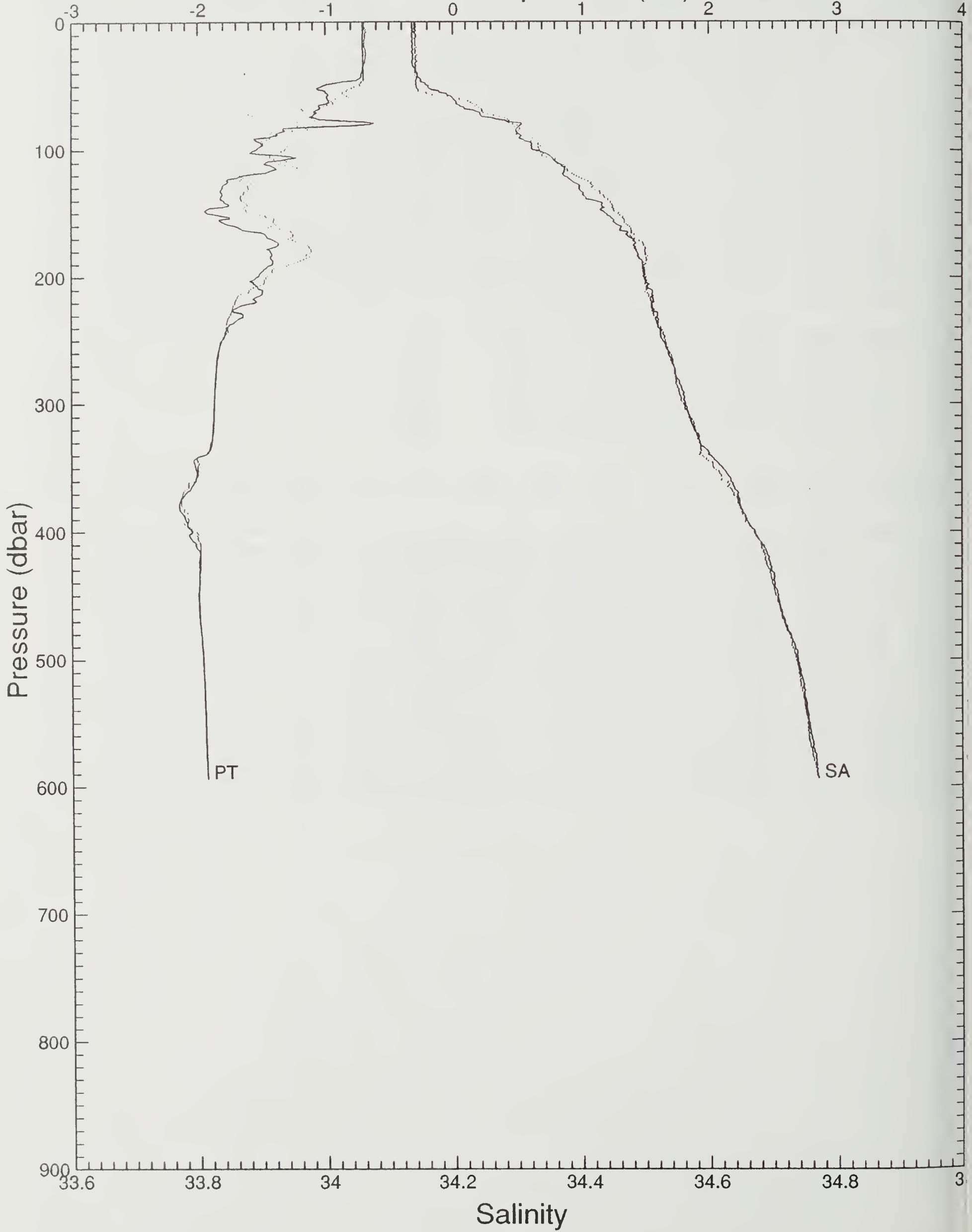
STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
166	2	0	-0.651	-0.651	1.22	1.22	34.089	27.401	29.782	32.137	36.766	66.8	0.000	1444.9	0
166	2	10	-0.657	-0.657	1.22	1.21	34.089	27.401	29.783	32.137	36.767	66.7	0.007	1445.0	9
166	2	20	-0.691	-0.692	1.20	1.19	34.222	27.511	29.892	32.246	36.876	56.3	0.013	1445.2	19
166	2	30	-1.273	-1.274	0.63	0.61	34.266	27.568	29.959	32.322	36.968	50.8	0.018	1442.7	29
166	2	40	-1.315	-1.316	0.60	0.57	34.337	27.627	30.018	32.382	37.029	45.1	0.023	1442.8	39
166	2	50	-1.651	-1.652	0.27	0.23	34.351	27.649	30.045	32.414	37.071	43.0	0.027	1441.3	49
166	2	60	-1.557	-1.558	0.38	0.33	34.385	27.674	30.068	32.435	37.090	40.6	0.032	1442.0	59
166	2	70	-1.535	-1.537	0.41	0.35	34.398	27.684	30.078	32.445	37.098	39.6	0.036	1442.3	69
166	2	80	-1.509	-1.511	0.44	0.38	34.408	27.691	30.085	32.451	37.103	38.9	0.040	1442.6	79
166	2	90	-1.519	-1.521	0.44	0.37	34.419	27.701	30.094	32.460	37.113	37.9	0.043	1442.7	89
166	2	100	-1.418	-1.420	0.55	0.47	34.440	27.714	30.106	32.471	37.120	36.6	0.047	1443.4	98
166	2	125	-1.477	-1.480	0.51	0.41	34.447	27.722	30.115	32.480	37.132	35.8	0.056	1443.5	123
166	2	150	-1.434	-1.438	0.57	0.46	34.465	27.735	30.127	32.492	37.142	34.4	0.065	1444.2	148
166	2	175	-1.124	-1.129	0.90	0.77	34.499	27.752	30.139	32.499	37.139	32.9	0.073	1446.1	173
166	2	191	-0.991	-0.996	1.05	0.90	34.518	27.763	30.147	32.505	37.141	31.9	0.079	1447.0	188

ST_85 167

77 48 S

178 41 W

Potential Temperature ($^{\circ}\text{C}$)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.798	-178.683	#711	993.6	156	7.7	-8.3		0800	06	FEB	1985	ST	85	1	167

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
167	1	0	-0.709	-0.709	1.16	1.16	34.137	27.442	29.824	32.180	36.810	62.8	0.000	1444.7	0
167	1	10	-0.707	-0.707	1.17	1.17	34.136	27.442	29.824	32.179	36.809	62.9	0.006	1444.9	9
167	1	20	-0.706	-0.707	1.18	1.17	34.136	27.442	29.823	32.179	36.809	62.9	0.013	1445.0	19
167	1	30	-0.704	-0.705	1.19	1.17	34.137	27.442	29.824	32.179	36.810	62.8	0.019	1445.2	29
167	1	40	-0.715	-0.716	1.19	1.16	34.145	27.449	29.831	32.187	36.817	62.1	0.025	1445.3	39
167	1	50	-1.018	-1.019	0.89	0.86	34.162	27.475	29.862	32.221	36.861	59.6	0.031	1444.1	49
167	1	60	-0.981	-0.983	0.94	0.90	34.201	27.505	29.891	32.250	36.888	56.7	0.037	1444.5	59
167	1	70	-1.090	-1.092	0.84	0.79	34.237	27.538	29.926	32.286	36.928	53.5	0.043	1444.2	69
167	1	80	-0.647	-0.649	1.30	1.24	34.308	27.578	29.959	32.312	36.940	49.8	0.048	1446.5	79
167	1	90	-1.442	-1.444	0.51	0.44	34.305	27.606	29.998	32.364	37.015	46.9	0.053	1442.9	89
167	1	100	-1.547	-1.549	0.41	0.34	34.326	27.626	30.020	32.387	37.042	44.9	0.057	1442.6	98
167	1	125	-1.758	-1.761	0.22	0.13	34.387	27.682	30.079	32.449	37.110	39.5	0.068	1442.1	123
167	1	150	-1.917	-1.920	0.09	-0.03	34.438	27.727	30.127	32.500	37.164	34.9	0.077	1441.8	148
167	1	175	-1.366	-1.370	0.66	0.53	34.484	27.749	30.139	32.503	37.151	33.1	0.086	1444.9	173
167	1	200	-1.534	-1.539	0.51	0.36	34.498	27.765	30.159	32.525	37.178	31.3	0.094	1444.5	197
167	1	225	-1.713	-1.718	0.35	0.18	34.511	27.781	30.177	32.546	37.204	29.5	0.101	1444.1	222
167	1	250	-1.805	-1.810	0.28	0.09	34.529	27.798	30.196	32.566	37.227	27.7	0.108	1444.1	247
167	1	275	-1.847	-1.853	0.26	0.05	34.548	27.815	30.213	32.584	37.246	26.0	0.115	1444.3	271
167	1	300	-1.862	-1.869	0.26	0.04	34.564	27.828	30.227	32.598	37.260	24.5	0.121	1444.7	296
167	1	325	-1.877	-1.884	0.27	0.02	34.585	27.846	30.244	32.616	37.278	22.7	0.127	1445.0	321
167	1	350	-2.008	-2.015	0.16	-0.11	34.622	27.879	30.280	32.653	37.319	19.3	0.132	1444.9	345
167	1	375	-2.129	-2.137	0.06	-0.23	34.648	27.903	30.306	32.681	37.350	16.8	0.137	1444.7	370
167	1	400	-2.033	-2.042	0.17	-0.13	34.671	27.920	30.320	32.694	37.361	15.2	0.141	1445.6	395
167	1	425	-1.969	-1.978	0.26	-0.06	34.696	27.939	30.338	32.711	37.375	13.3	0.145	1446.4	420
167	1	450	-1.983	-1.993	0.26	-0.08	34.709	27.950	30.349	32.722	37.387	12.2	0.148	1446.7	444
167	1	475	-1.968	-1.979	0.30	-0.06	34.722	27.960	30.359	32.732	37.396	11.1	0.151	1447.2	469
167	1	500	-1.949	-1.961	0.33	-0.04	34.739	27.973	30.372	32.744	37.408	9.7	0.153	1447.8	494
167	1	550	-1.932	-1.945	0.39	-0.02	34.756	27.987	30.385	32.757	37.420	8.2	0.158	1448.7	543
167	1	594	-1.918	-1.933	0.44	-0.01	34.770	27.998	30.396	32.767	37.430	6.9	0.161	1449.5	586

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
167	1	0	-0.695	-0.695	34.141	27.445		13.0		51.0							13	0
167	3	43	-0.702	-0.703	34.148	27.447	8.72	13.0		51.5							9	42
167	3	90	-1.430	-1.432	34.315	27.620	8.33	22.0		64.5							7	89
167	3	119	-1.552	-1.555	34.386	27.672	6.86	23.5		67.0							5	117
167	3	147	-1.618	-1.621	34.457	27.730	6.31	30.0		86.5							3	145

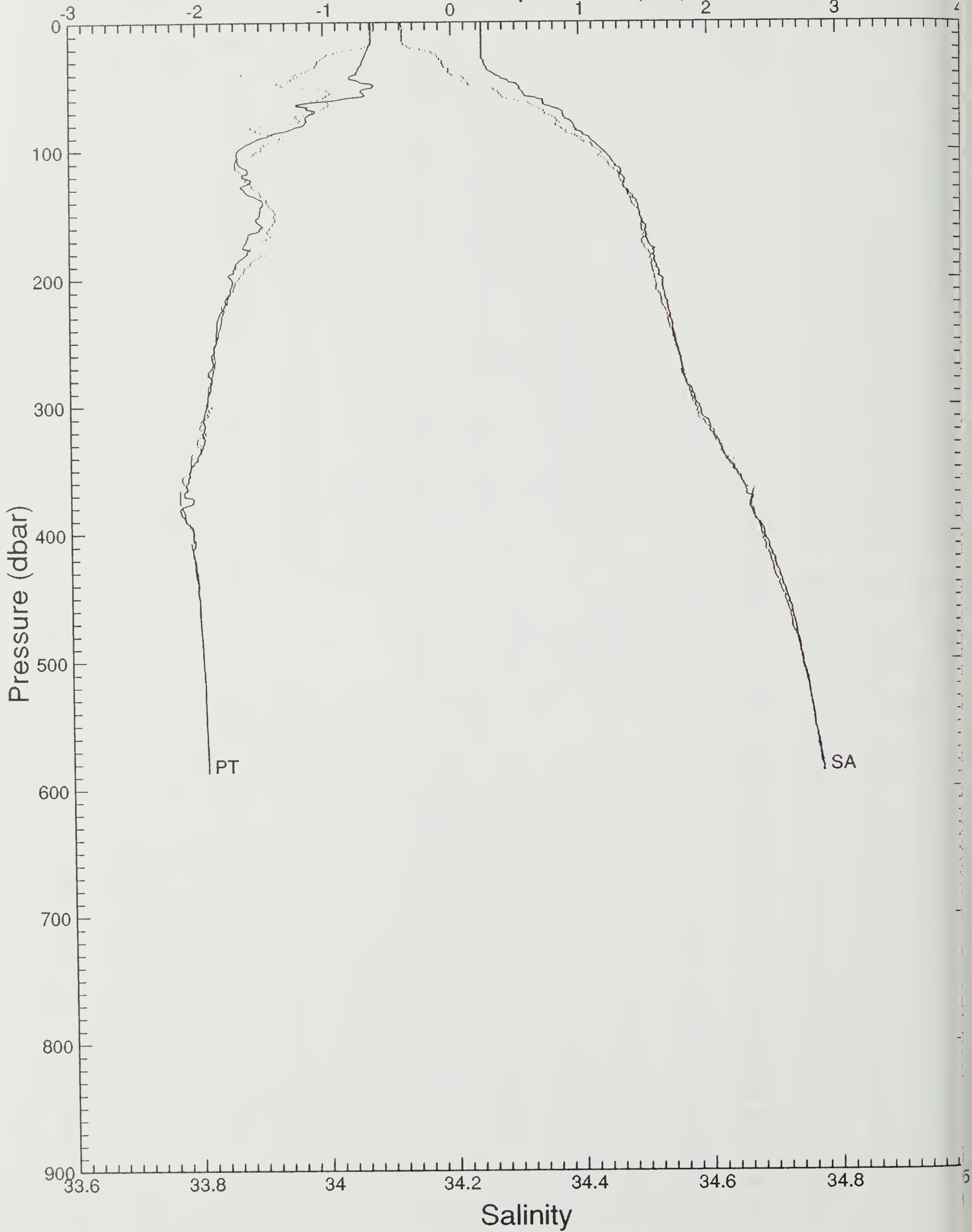
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.797	-178.693	#711	993.6	156	7.7	-8.3		0842	06	FEB	1985	ST	85	2	167

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
167	2	0	-0.695	-0.695	1.18	1.18	34.141	27.445	29.827	32.182	36.812	62.6	0.000	1444.8	0
167	2	10	-0.690	-0.690	1.19	1.18	34.142	27.446	29.827	32.182	36.812	62.5	0.006	1445.0	9
167	2	20	-0.694	-0.695	1.19	1.18	34.143	27.447	29.828	32.183	36.813	62.4	0.013	1445.1	19
167	2	30	-0.688	-0.689	1.21	1.19	34.142	27.446	29.827	32.182	36.812	62.5	0.019	1445.3	29
167	2	40	-0.701	-0.702	1.20	1.17	34.141	27.445	29.827	32.182	36.813	62.4	0.025	1445.4	39
167	2	50	-0.728	-0.729	1.18	1.15	34.143	27.448	29.830	32.186	36.817	62.1	0.031	1445.4	49
167	2	60	-0.918	-0.920	1.00	0.96	34.210	27.510	29.895	32.253	36.889	56.2	0.037	1444.8	59
167	2	70	-1.405	-1.407	0.53	0.47	34.246	27.556	29.949	32.314	36.965	51.7	0.043	1442.7	69
167	2	80	-1.232	-1.234	0.71	0.65	34.294	27.590	29.979	32.342	36.987	48.5	0.048	1443.7	79
167	2	90	-1.430	-1.432	0.52	0.45	34.323	27.620	30.012	32.378	37.029	45.6	0.052	1443.0	89
167	2	100	-1.316	-1.318	0.64	0.57	34.336	27.627	30.017	32.381	37.028	44.9	0.057	1443.7	98
167	2	125	-1.594	-1.597	0.39	0.29	34.412	27.697	30.092	32.460	37.115	38.1	0.067	1442.9	123
167	2	150	-1.523	-1.526	0.48	0.37	34.460	27.734	30.127	32.494	37.146	34.5	0.076	1443.7	148
167	2	175	-1.133	-1.138	0.89	0.76	34.499	27.753	30.140	32.500	37.140	32.8	0.085	1446.0	173
167	2	200	-1.457	-1.462	0.59	0.44	34.503	27.767	30.159	32.524	37.174	31.2	0.093	1444.9	197
167	2	225	-1.724	-1.729	0.34	0.17	34.514	27.784	30.180	32.550	37.208	29.3	0.100	1444.1	222
167	2	250	-1.811	-1.816	0.27	0.09	34.533	27.802	30.199	32.570	37.231	27.4	0.107	1444.1	247
167	2	275	-1.849	-1.855	0.25	0.05	34.548	27.815	30.213	32.584	37.246	26.0	0.114	1444.3	271
167	2	300	-1.862	-1.869	0.26	0.04	34.561	27.826	30.224	32.596	37.258	24.8	0.120	1444.7	296
167	2	325	-1.879	-1.886	0.26	0.02	34.582	27.844	30.242	32.613	37.276	23.0	0.126	1445.0	321
167	2	350	-1.993	-2.000	0.17	-0.09	34.608	27.868	30.268	32.641	37.307	20.4	0.132	1444.9	345
167	2	375	-2.122	-2.130	0.06	-0.22	34.646	27.902	30.304	32.679	37.348	16.9	0.136	1444.8	370
167	2	400	-2.000	-2.009	0.21	-0.10	34.672	27.920	30.320	32.693	37.358	15.2	0.140	1445.8	395
167	2	425	-1.980	-1.989	0.25	-0.08	34.690	27.934	30.334	32.706	37.371	13.8	0.144	1446.3	420
167	2	450	-1.987	-1.997	0.26	-0.08	34.704	27.946	30.345	32.718	37.383	12.5	0.147	1446.7	444
167	2	475	-1.970	-1.981	0.29	-0.06	34.720	27.958	30.358	32.730	37.394	11.2	0.150	1447.2	469

ST_85 168

77 55 S
178 37 W

Potential Temperature ($^{\circ}\text{C}$)



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.922	-178.620	#699	993.6	175	9.8	-8.3		0956	06	FEB	1985	ST	85	1	168

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
168	1	0	-0.625	-0.625	1.25	1.25	34.248	27.529	29.909	32.262	36.890	54.7	0.000	1445.2	0
168	1	10	-0.625	-0.625	1.26	1.25	34.248	27.529	29.909	32.262	36.890	54.6	0.005	1445.4	9
168	1	20	-0.647	-0.648	1.25	1.23	34.248	27.530	29.910	32.264	36.892	54.5	0.011	1445.5	19
168	1	30	-0.693	-0.694	1.21	1.19	34.252	27.535	29.916	32.271	36.900	54.0	0.016	1445.4	29
168	1	40	-0.735	-0.736	1.17	1.15	34.267	27.549	29.931	32.286	36.916	52.7	0.022	1445.4	39
168	1	50	-0.608	-0.609	1.31	1.27	34.307	27.576	29.956	32.308	36.935	50.1	0.027	1446.2	49
168	1	60	-0.867	-0.869	1.06	1.02	34.335	27.609	29.993	32.350	36.983	46.8	0.032	1445.2	59
168	1	70	-1.060	-1.062	0.88	0.83	34.375	27.649	30.036	32.395	37.034	43.0	0.036	1444.5	69
168	1	80	-1.147	-1.149	0.80	0.74	34.391	27.665	30.053	32.414	37.055	41.4	0.040	1444.3	79
168	1	90	-1.481	-1.483	0.48	0.41	34.416	27.697	30.090	32.456	37.107	38.3	0.044	1442.9	89
168	1	100	-1.665	-1.667	0.30	0.22	34.436	27.719	30.114	32.483	37.140	36.1	0.048	1442.2	98
168	1	125	-1.575	-1.578	0.41	0.32	34.470	27.744	30.138	32.505	37.159	33.7	0.057	1443.1	123
168	1	150	-1.499	-1.503	0.51	0.39	34.494	27.761	30.154	32.520	37.171	32.0	0.065	1443.9	148
168	1	175	-1.630	-1.634	0.40	0.26	34.511	27.779	30.174	32.541	37.197	30.1	0.073	1443.7	173
168	1	200	-1.716	-1.720	0.33	0.18	34.530	27.797	30.193	32.562	37.220	28.2	0.080	1443.7	197
168	1	225	-1.790	-1.795	0.27	0.11	34.539	27.806	30.203	32.574	37.234	27.1	0.087	1443.8	222
168	1	250	-1.838	-1.843	0.25	0.06	34.550	27.816	30.214	32.585	37.247	26.0	0.094	1444.0	247
168	1	275	-1.900	-1.906	0.20	0.00	34.560	27.826	30.225	32.597	37.260	24.9	0.100	1444.1	271
168	1	300	-1.915	-1.921	0.21	-0.02	34.586	27.848	30.247	32.619	37.282	22.7	0.106	1444.5	296
168	1	325	-1.932	-1.939	0.21	-0.03	34.613	27.870	30.269	32.641	37.305	20.4	0.111	1444.8	321
168	1	350	-2.050	-2.057	0.12	-0.15	34.638	27.893	30.294	32.668	37.336	17.9	0.116	1444.7	345
168	1	375	-2.027	-2.035	0.16	-0.12	34.666	27.916	30.316	32.690	37.356	15.7	0.120	1445.2	370
168	1	400	-2.024	-2.033	0.18	-0.12	34.686	27.932	30.332	32.706	37.372	14.1	0.124	1445.7	395
168	1	425	-2.011	-2.020	0.21	-0.11	34.704	27.946	30.346	32.719	37.385	12.6	0.127	1446.2	420
168	1	450	-1.983	-1.993	0.26	-0.08	34.721	27.959	30.359	32.732	37.396	11.2	0.130	1446.8	444
168	1	475	-1.971	-1.982	0.29	-0.06	34.734	27.970	30.369	32.741	37.405	10.1	0.133	1447.2	469
168	1	500	-1.955	-1.967	0.33	-0.05	34.745	27.978	30.377	32.749	37.413	9.2	0.135	1447.7	494
168	1	550	-1.937	-1.950	0.39	-0.03	34.762	27.992	30.390	32.762	37.425	7.7	0.140	1448.7	543
168	1	587	-1.923	-1.937	0.43	-0.01	34.776	28.003	30.401	32.773	37.435	6.5	0.142	1449.4	579

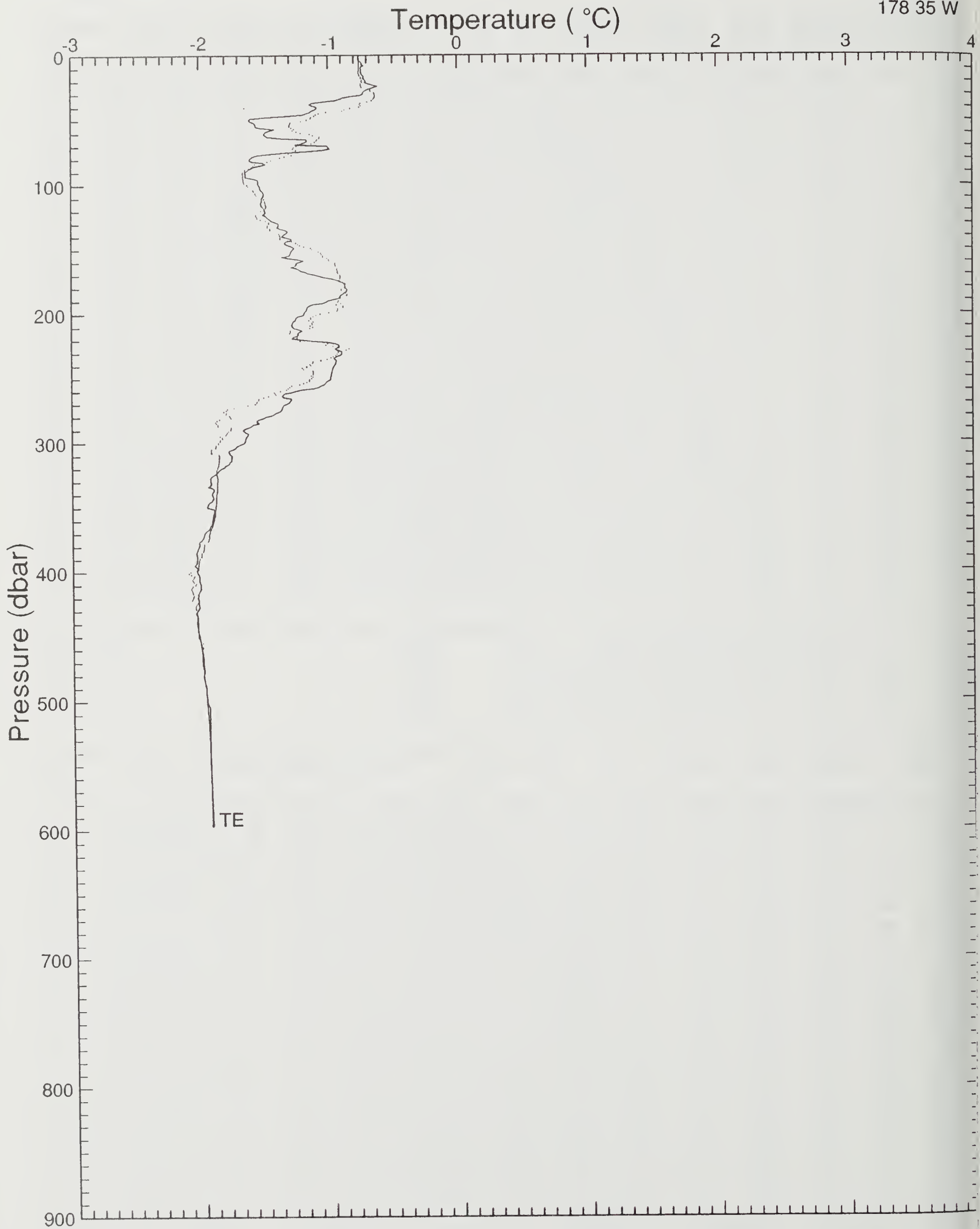
STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
168	1	0	-0.635	-0.635	34.124	27.429		15.5		30.5							13	0
168		88	-1.397	-1.399	34.388	27.673	6.78	25.5		67.0							9	87
168		122	-1.597	-1.600	34.459	27.739	6.30	28.5		76.0							7	120
168	2	154	-1.376	-1.380	34.499	27.759	5.41	28.5		79.0							5	152
168		377	-2.127	-2.135	34.664	27.916	6.67	28.0		81.0							3	373

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.922	-178.620	#699	993.6	175	9.8	-8.3		1037	06	FEB	1985	ST	85	2	168

STA	M	PRES	TEMPER	POTEMP	T>FRZ	T>FRS	SLINTY	SGMA-0	SGMA.5	SGMA-1	SGMA-2	ANOMA	GEOPT	SVELOC	DPTH
168	2	0	-0.635	-0.635	1.24	1.24	34.124	27.429	29.810	32.164	36.792	64.1	0.000	1445.0	0
168	2	10	-0.624	-0.624	1.26	1.25	34.124	27.428	29.809	32.163	36.791	64.2	0.006	1445.2	9
168	2	20	-0.694	-0.695	1.19	1.18	34.137	27.442	29.824	32.179	36.809	62.8	0.013	1445.1	19
168	2	30	-1.042	-1.043	0.86	0.83	34.186	27.495	29.882	32.242	36.882	57.7	0.019	1443.7	29
168	2	40	-1.211	-1.212	0.70	0.66	34.199	27.512	29.901	32.264	36.909	56.1	0.025	1443.1	39
168	2	50	-1.313	-1.314	0.60	0.57	34.239	27.548	29.939	32.303	36.951	52.6	0.030	1442.8	49
168	2	60	-1.038	-1.040	0.89	0.84	34.288	27.578	29.964	32.324	36.963	49.8	0.035	1444.3	59
168	2	70	-1.084	-1.086	0.85	0.80	34.345	27.626	30.013	32.373	37.013	45.2	0.040	1444.3	69
168	2	80	-1.316	-1.318	0.63	0.57	34.364	27.649	30.040	32.403	37.050	42.9	0.044	1443.4	79
168	2	90	-1.336	-1.338	0.62	0.55	34.398	27.678	30.068	32.432	37.079	40.2	0.048	1443.6	89
168	2	100	-1.485	-1.487	0.48	0.40	34.429	27.708	30.100	32.466	37.118	37.2	0.052	1443.0	98
168	2	125	-1.588	-1.591	0.40	0.30	34.466	27.741	30.135	32.503	37.157	33.9	0.061	1443.0	123
168	2	150	-1.373	-1.377	0.63	0.52	34.495	27.758	30.148	32.512	37.160	32.3	0.069	1444.5	148
168	2	175	-1.559	-1.563	0.47	0.33	34.502	27.769	30.163	32.530	37.183	31.0	0.077	1444.0	173
168	2	200	-1.669	-1.673	0.38	0.23	34.518	27.786	30.181	32.549	37.206	29.3	0.085	1443.9	197
168	2	225	-1.772	-1.777	0.29	0.12	34.534	27.802	30.199	32.568	37.228	27.6	0.092	1443.8	222
168	2	250	-1.841	-1.846	0.24	0.06	34.548	27.815	30.213	32.584	37.245	26.1	0.099	1443.9	247
168	2	275	-1.868	-1.874	0.24	0.03	34.562	27.827	30.225	32.597	37.259	24.8	0.105	1444.2	271
168	2	300	-1.877	-1.884	0.25	0.02	34.580	27.842	30.240	32.612	37.274	23.3	0.111	1444.6	296
168	2	325	-1.985	-1.992	0.16	-0.09	34.609	27.868	30.268	32.641	37.307	20.5	0.117	1444.6	321
168	2	350	-2.046	-2.053	0.12	-0.14	34.641	27.896	30.297	32.671	37.338	17.7	0.121	1444.7	345
168	2	375	-2.131	-2.139	0.06	-0.23	34.666	27.918	30.320	32.695	37.365	15.4	0.125	1444.7	370
168	2	400	-2.029	-2.038	0.18	-0.13	34.681	27.928	30.328	32.702	37.368	14.4	0.129	1445.7	395
168	2	425	-2.017	-2.026	0.21	-0.11	34.699	27.942	30.343	32.716	37.381	12.9	0.133	1446.2	420
168	2	450	-1.987	-1.997	0.26	-0.08	34.718	27.957	30.357	32.729	37.394	11.4	0.136	1446.7	444
168	2	475	-1.973	-1.984	0.29	-0.07	34.729	27.966	30.365	32.737	37.402	10.5	0.138	1447.2	469

ST_85 169

78 0 S
178 35 W



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.008	-178.578	#700	993.2	171	11.8	-13.3	8690	1150	06	FEB	1985	ST	85	1	169

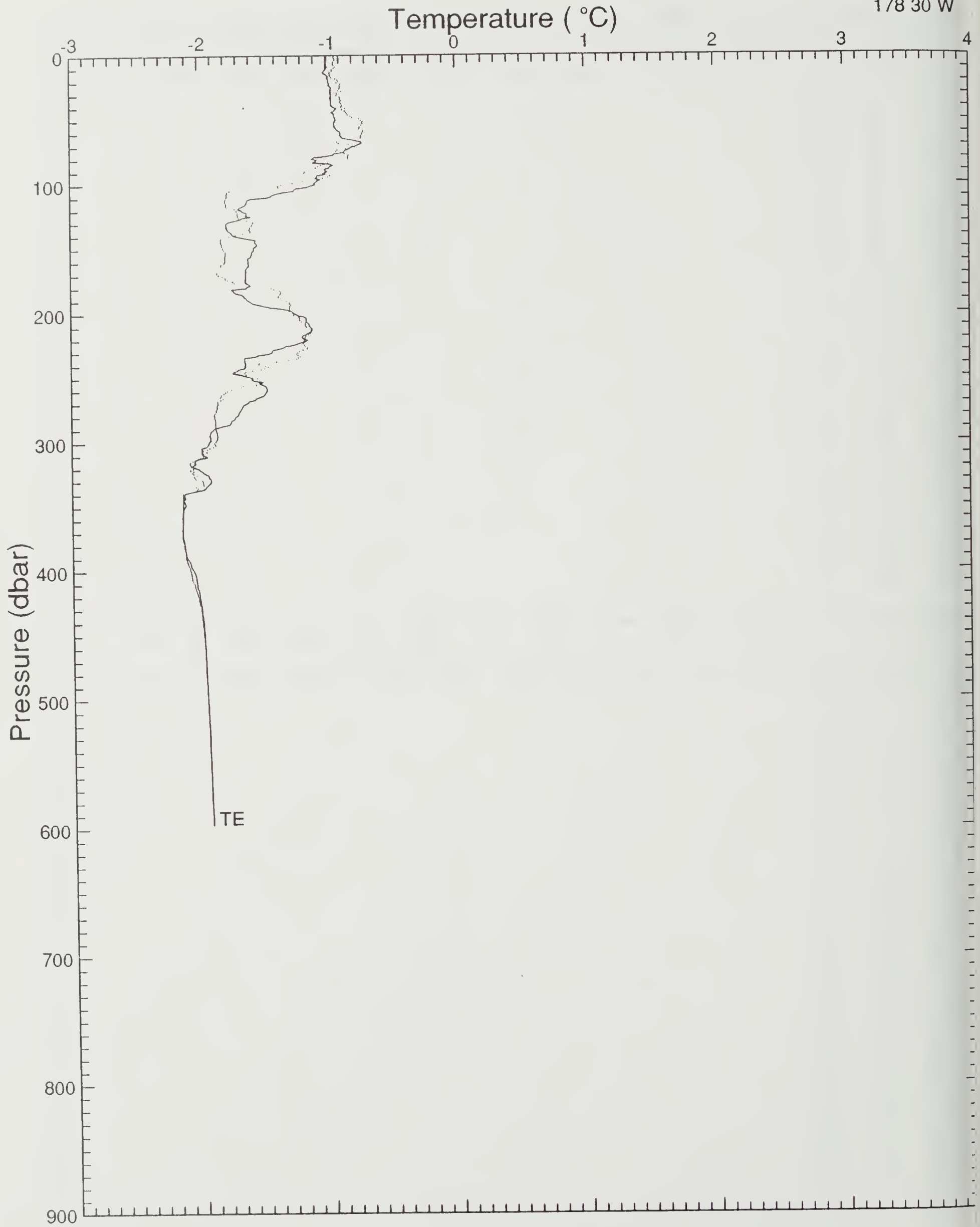
[illegible]

LATITUDE	LONGITUDE	DEPTH	BAROM	WDIR	WNSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.003	-178.610	#700	993.2	171	11.8	-13.3	8960	1235	06	FEB	1985	ST	85	2	169

[illegible]

ST_85 170

78 6 S
178 30 W



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.097	-178.493	#700	993.9	179	7.7	-15.0		1337	06	FEB	1985	ST	85	1	170

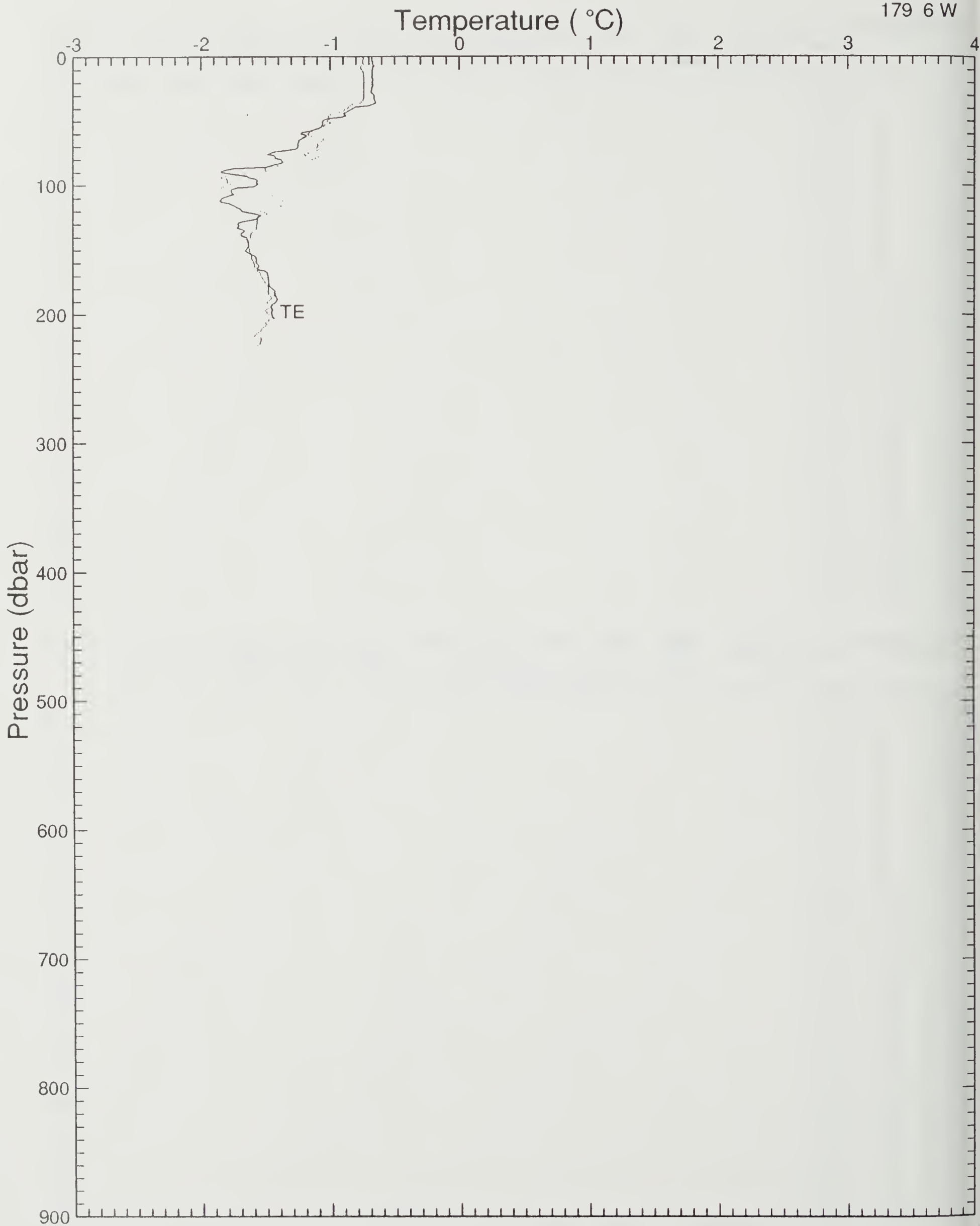
[illegible]

LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-78.075	-178.675	#700	993.9	179	7.7	-15.0		1419	06	FEB	1985	ST	85	2	170

[illegible]

ST_85 171

77 57 S
179 6 W



LATITUDE	LONGITUDE	DEPTH	BAROM	WDIR	WNSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.950	-179.098	#700	993.6	178	10.9	-13.9	9450	1625	06	FEB	1985	ST	85	1	171

[illegible]

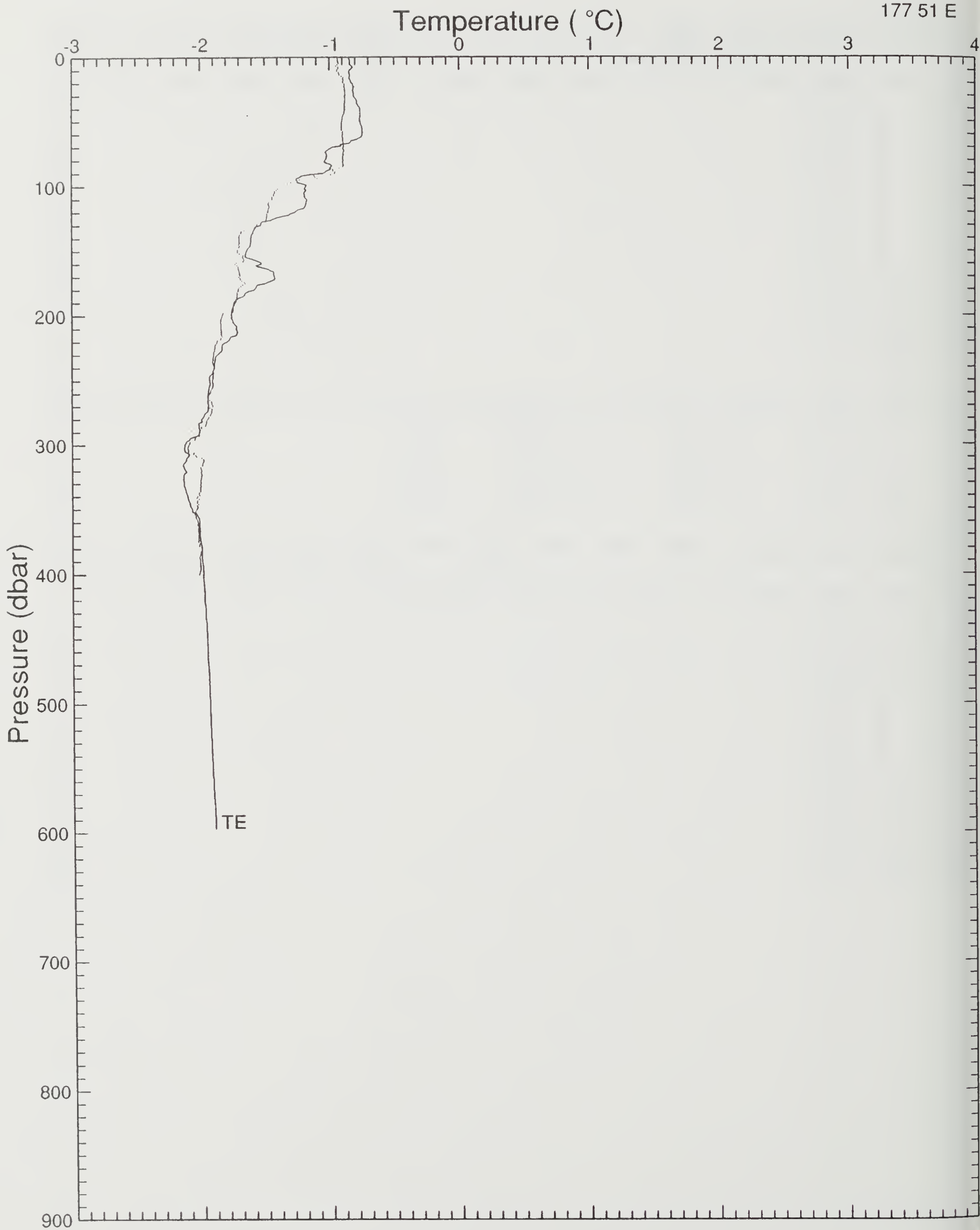
STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
171		0	-0.744	0	0	0		14.5		33.5							13	0
171		68	-1.098	0	34.262	0	7.53	20.0		57.5							7	67
171		78	-1.092	0	34.288	0	7.42	21.0		59.0							5	77
171		86	-1.489	0	34.309	0	6.76	22.0		60.5							4	85
171	2	100	-1.729	0	34.316	0	7.28	25.0		68.5							3	99
171		100	-1.729	0	34.326	0	6.79	24.5		67.5							1	99

LATITUDE	LONGITUDE	DEPTH	BAROM	WDIR	WNSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.948	-179.040	#700	993.6	178	10.9	-13.9		1656	06	FEB	1985	ST	85	2	171

[illegible]

ST_85 172

77 46 S
177 51 E



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.770	177.847	#735	994.9	185	10.3	-12.8	1480	2014	06	FEB	1985	ST	85	1	172

[illegible]

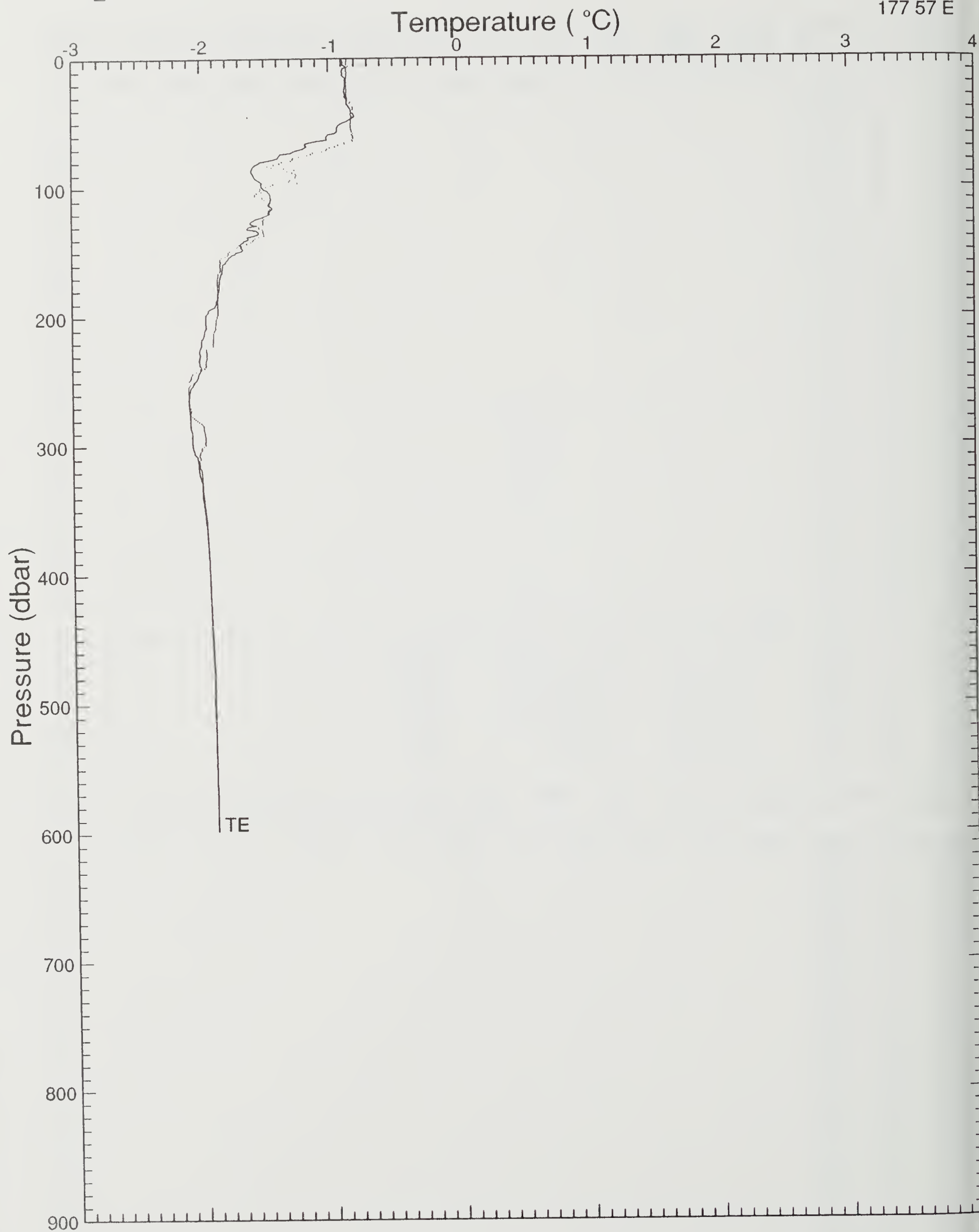
STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
172	3	0	-0.934	0	0	0		16.0		47.5							13	0
172	3	45	-0.892	0	34.172	0	8.38	14.0		40.5							9	44
172	3	91	-0.959	0	34.222	0	7.70	16.0		48.0							7	90
172		121	-1.481	0	34.314	0	6.99	21.5		67.0							11	120
172		152	-1.695	0	34.539	0	6.20	24.0		75.0							5	151
172		206	-1.837	0	34.533	0	6.28			75.0							3	204
172		592	-1.895	0	34.724	0	6.39			76.0							1	585

LATITUDE	LONGITUDE	DEPTH	BAROM	WDIR	WNSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.763	177.688	#735	994.9	185	10.3	-12.8	1105	2106	06	FEB	1985	ST	85	2	172

[illegible]

ST_85 173

77 29 S
177 57 E



LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.477	177.955	729	995.3	160	7.7	.4		2259	06	FEB	1985	ST	85	1	173

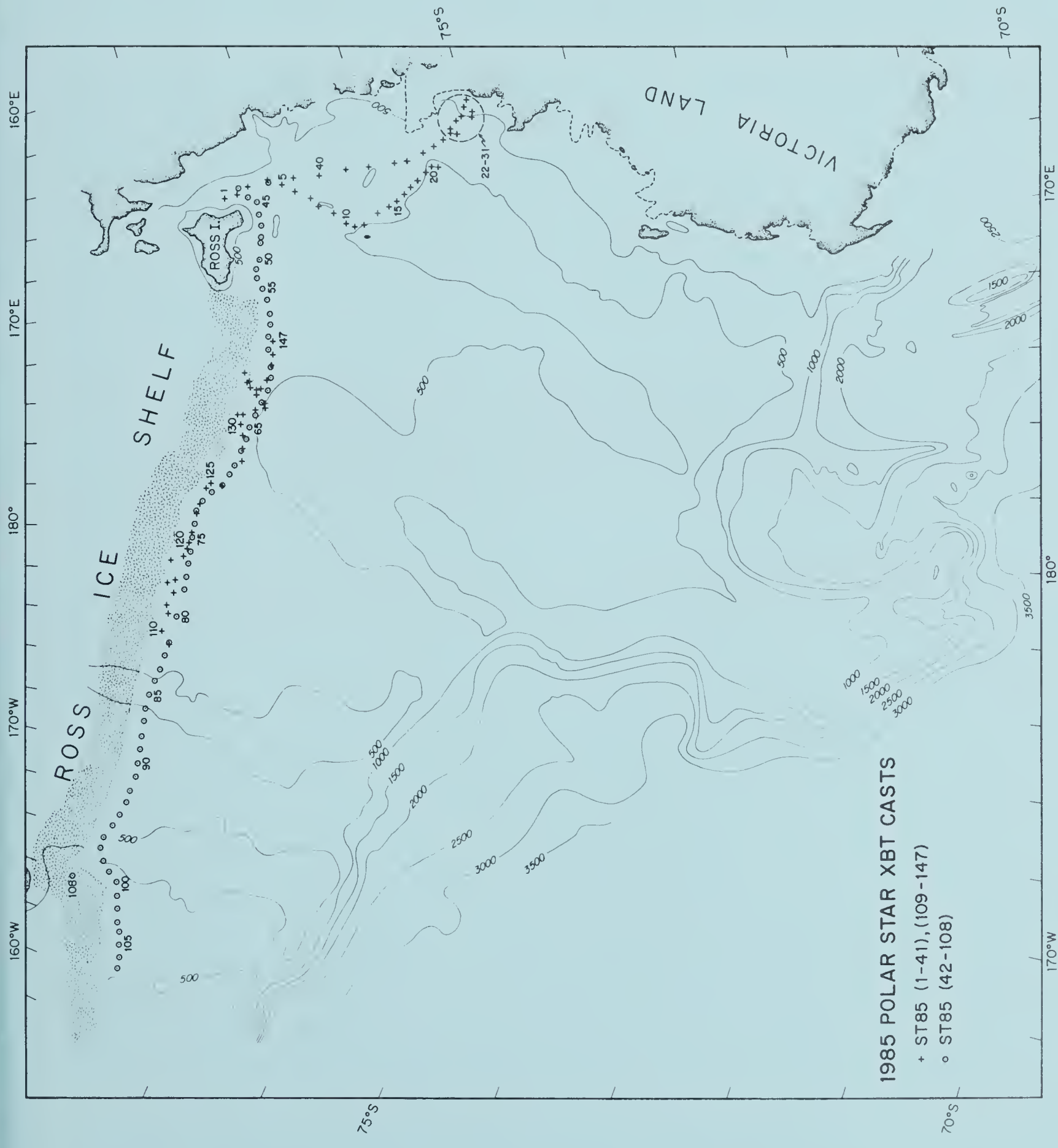
[illegible]

STA	F	PRES	TEMPER	POTEMP	SLINTY	SGMA-0	OXGY	NITR	PHOS	SILIC	PCO	PCT	TCO2	TALK	FR11	FR12	BN	DPTH
173		43	-0.826	0	34.315	0	8.21	19.5		51.0							11	43
173		92	-1.257	0	34.479	0	6.33	24.5		75.5							9	91
173		124	-1.502	0	34.534	0	6.20	25.0		77.5							7	123
173		158	-1.838	0	34.548	0	6.45	24.5		75.0							5	156
173		208	-1.881	0	34.590	0	6.50			74.5							3	206

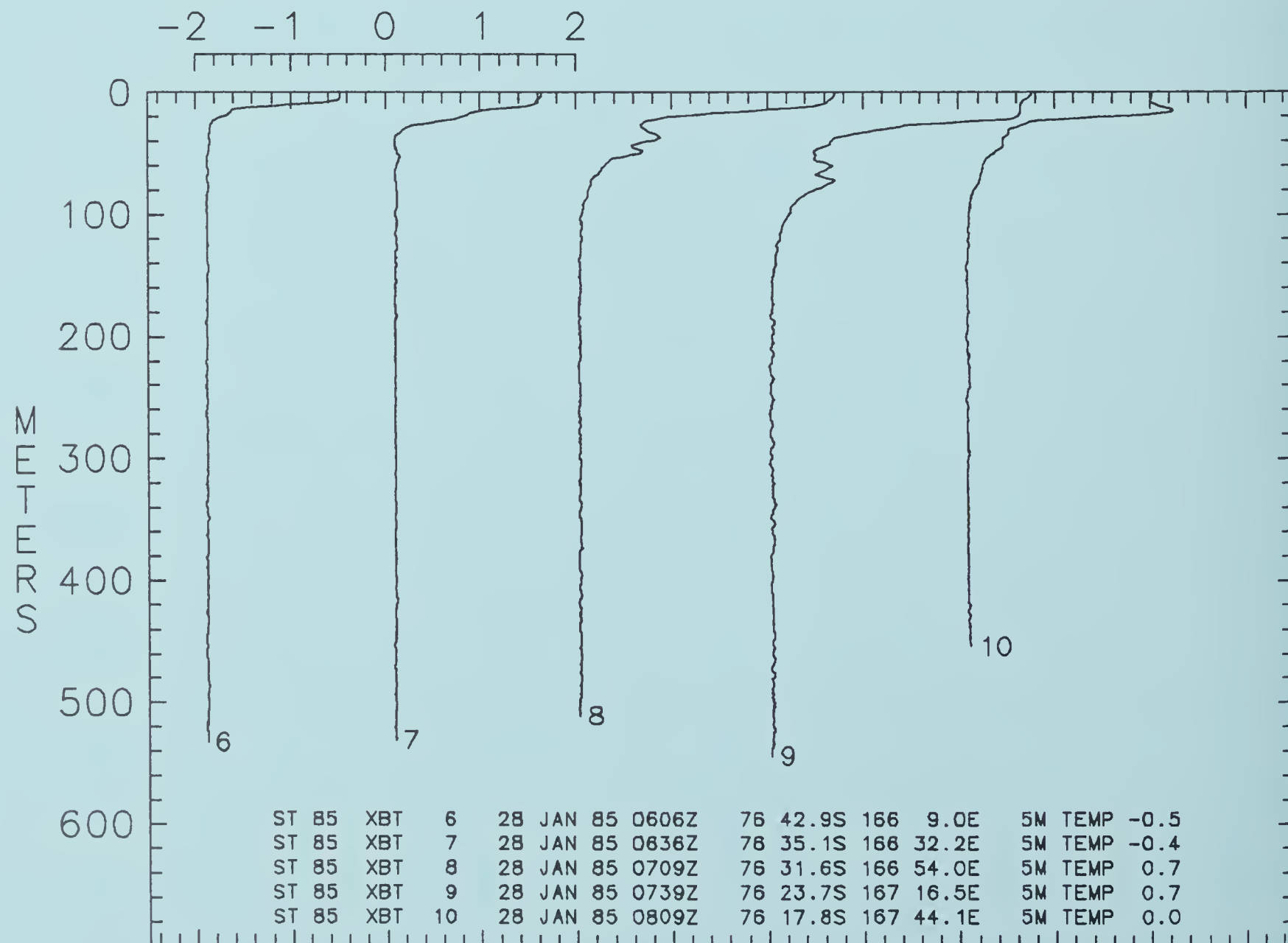
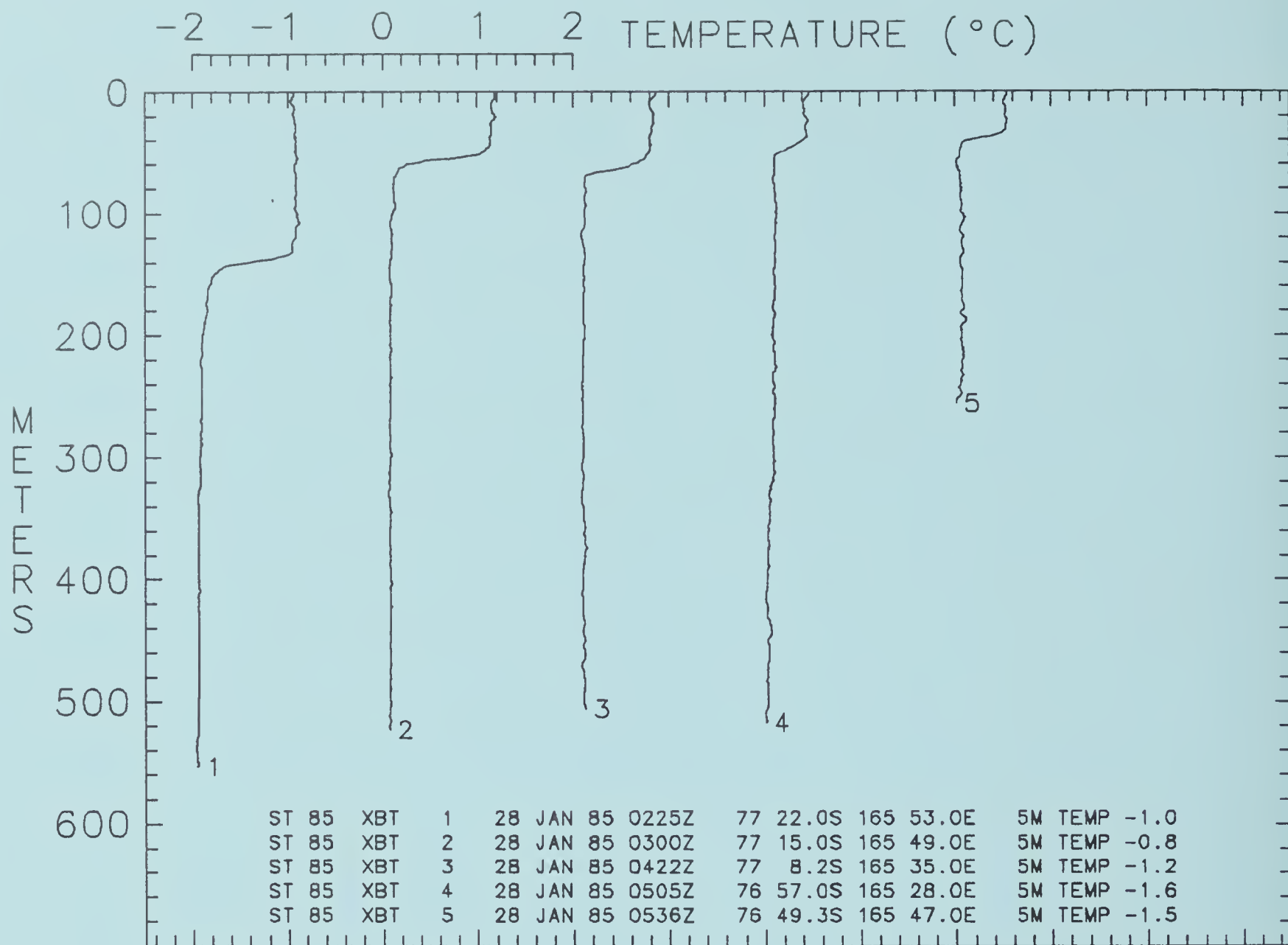
LATITUDE	LONGITUDE	DEPTH	BAROM	WNDIR	WNDSP	TAIR	RANGL	TIME	DAY	MON	YEAR	SHIP	CRU	M	STATION
-77.460	177.873	729	995.3	160	7.7	.4		2343	06	FEB	1985	ST	85	2	173

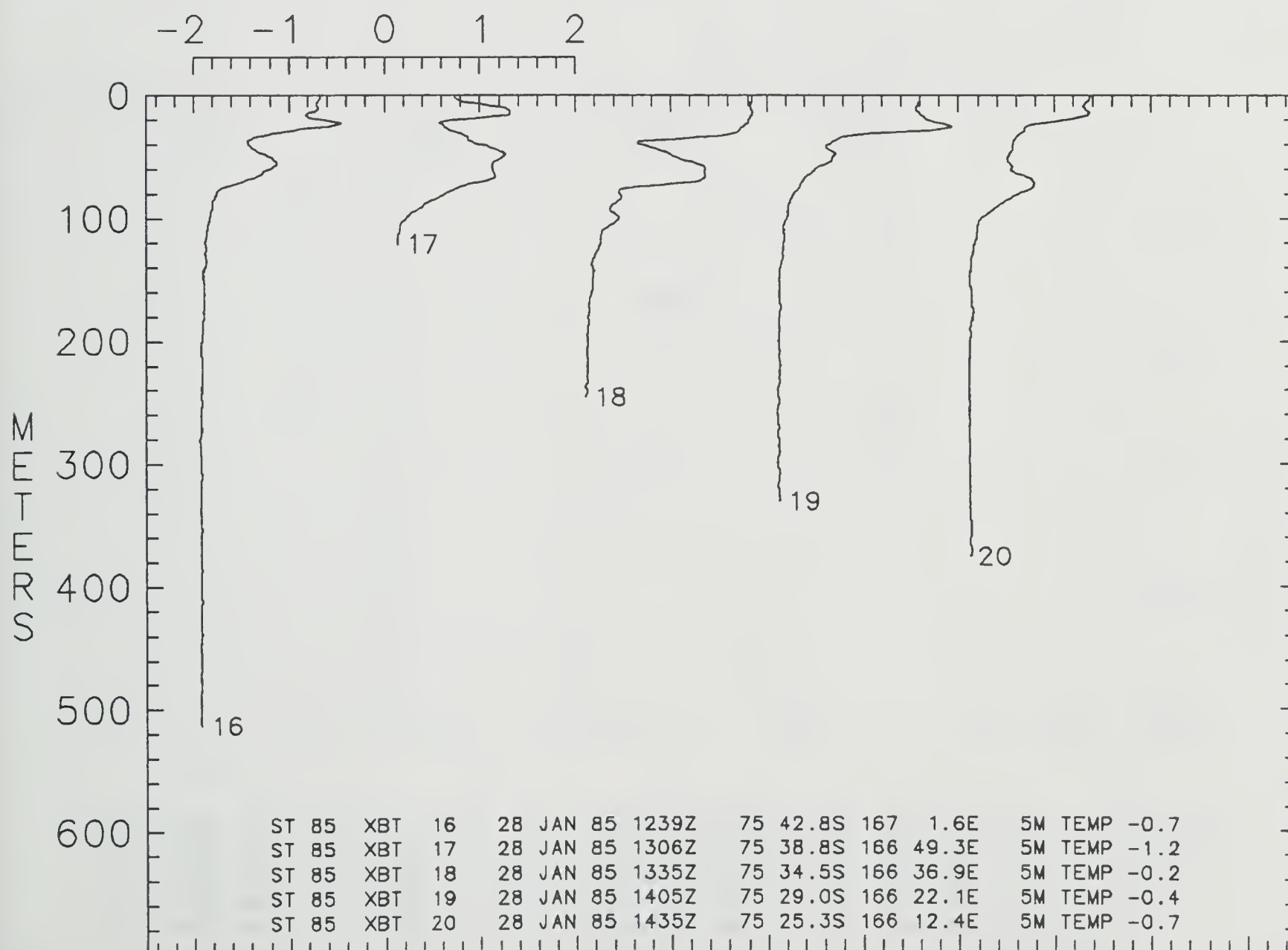
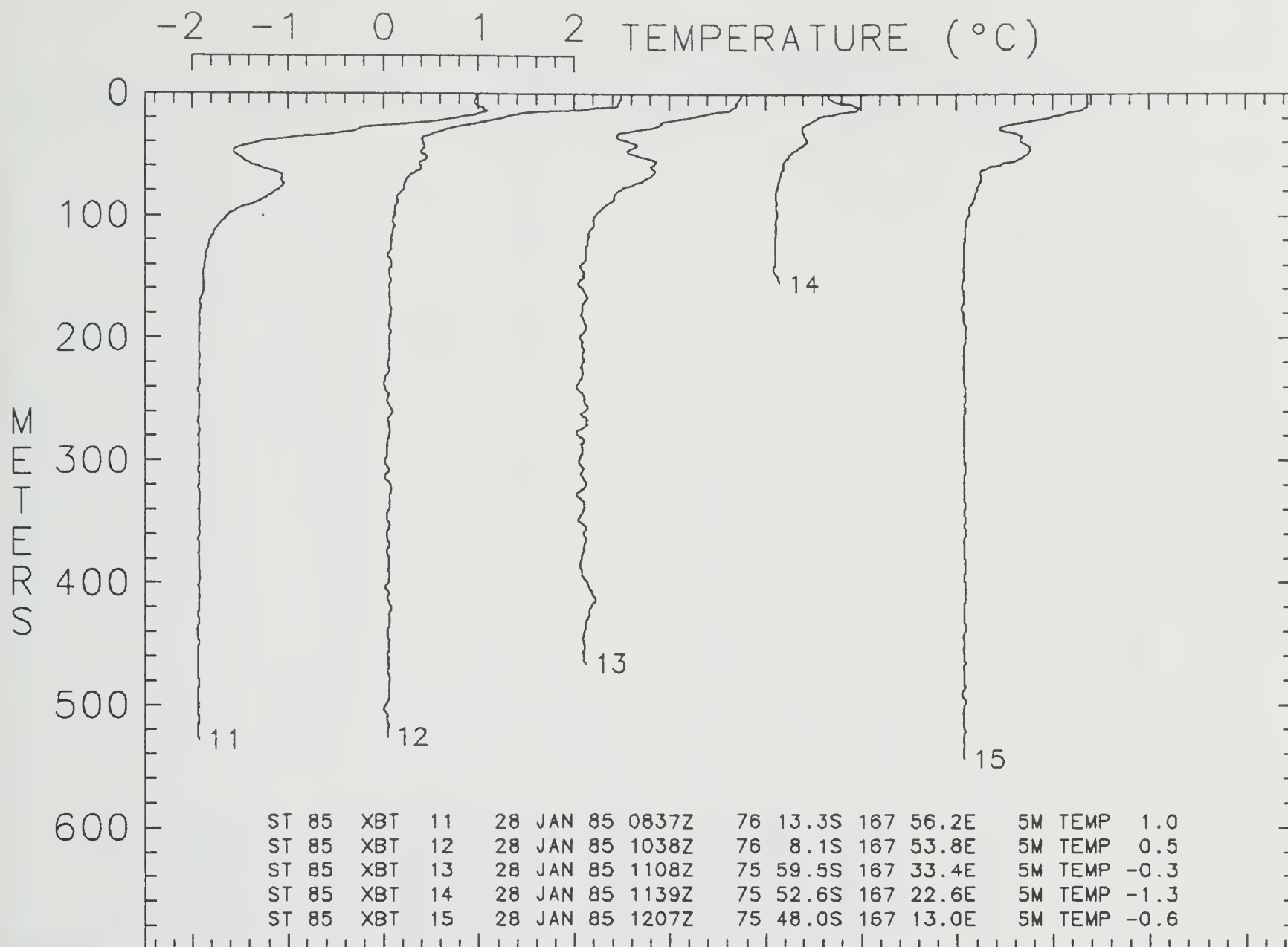
[illegible]

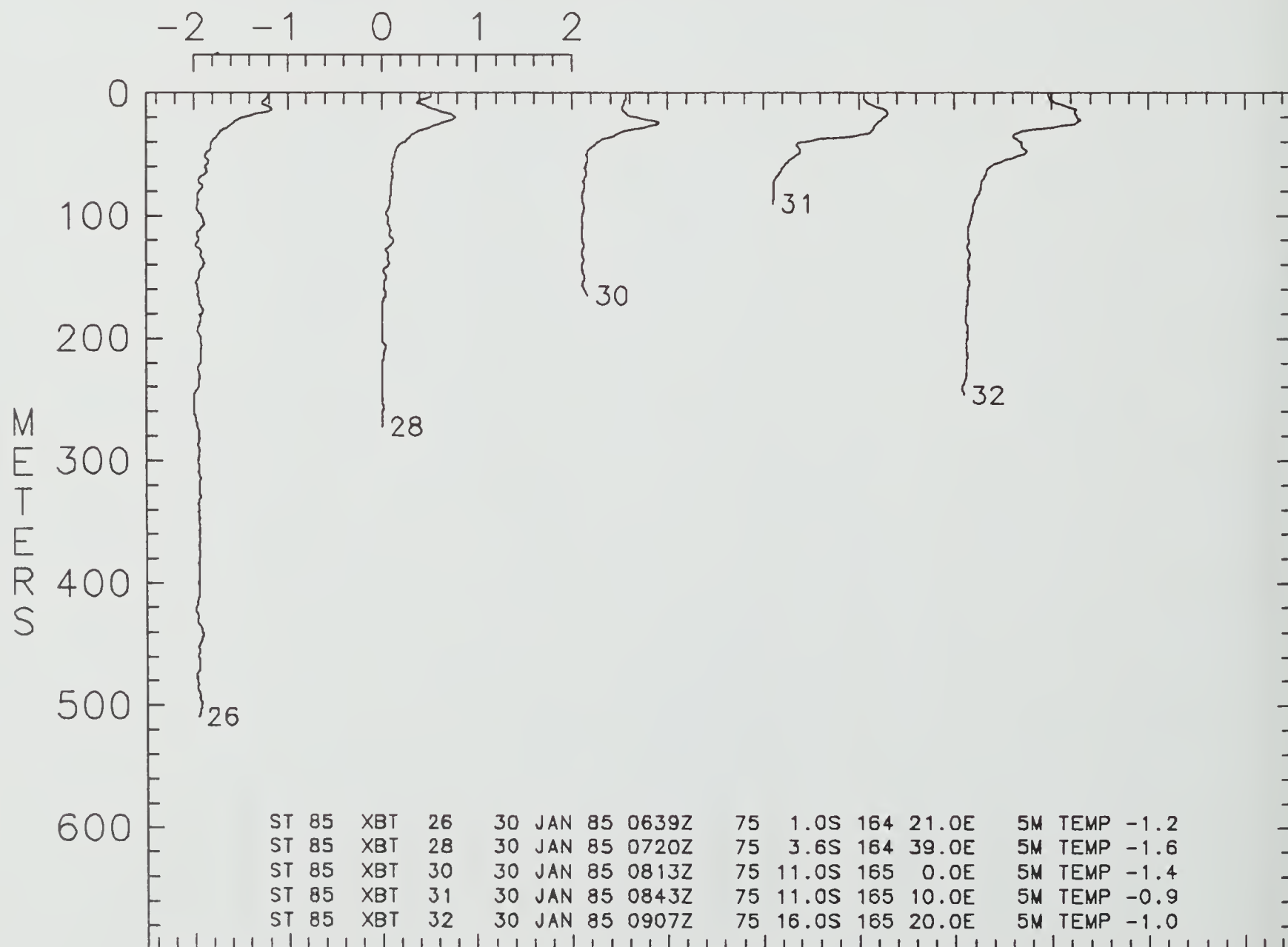
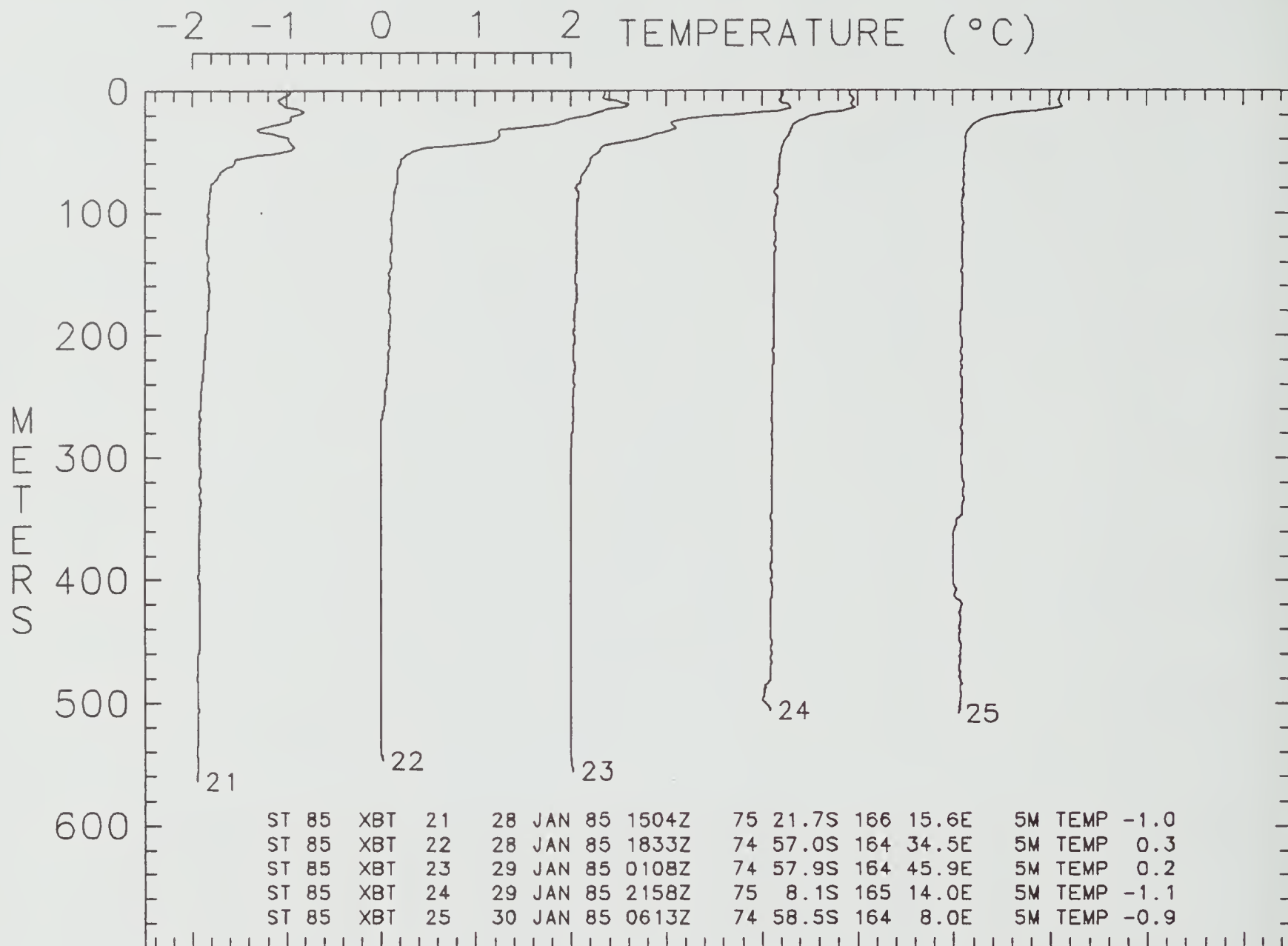
POLAR STAR 85 XBT CASTS

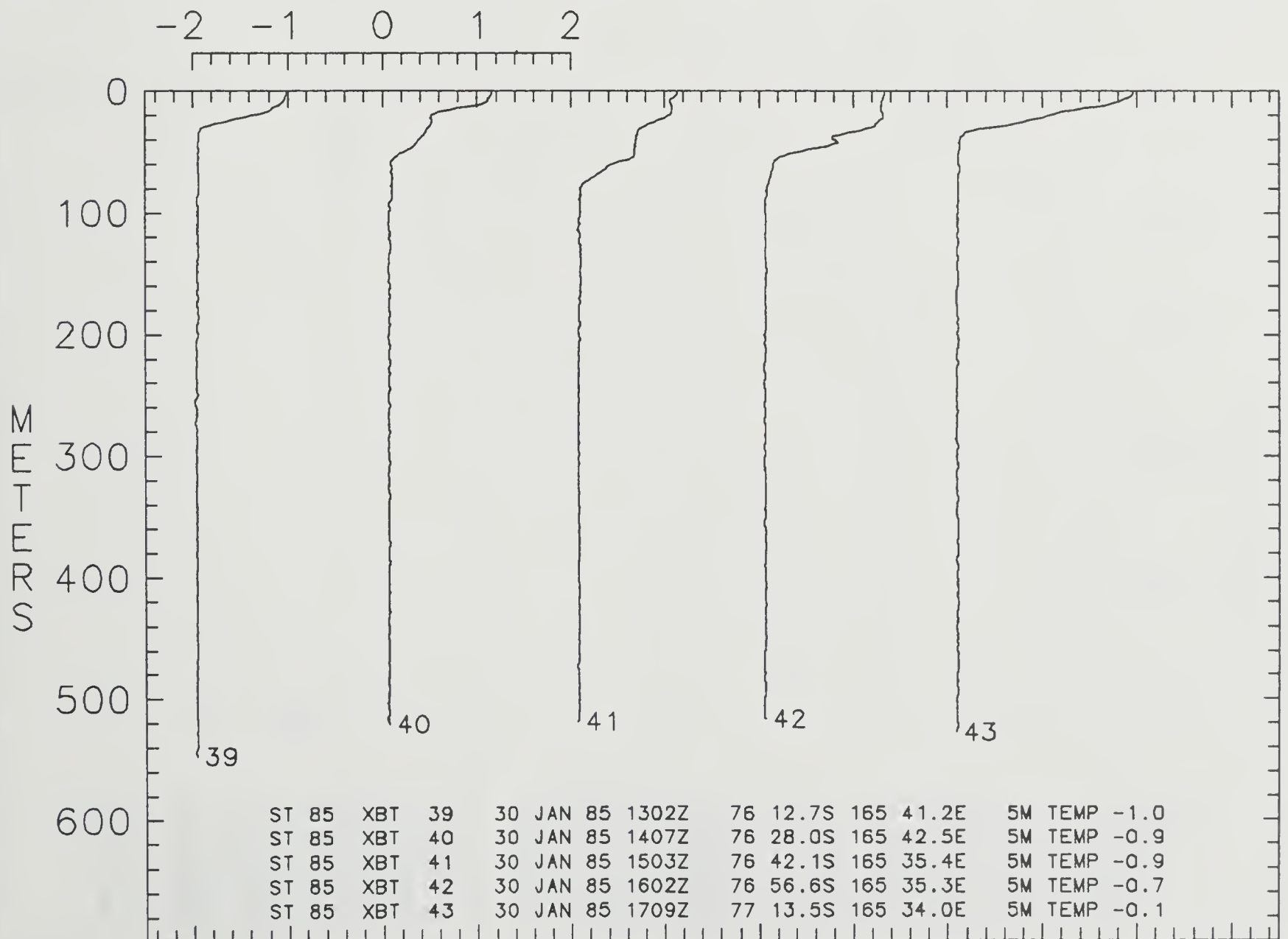
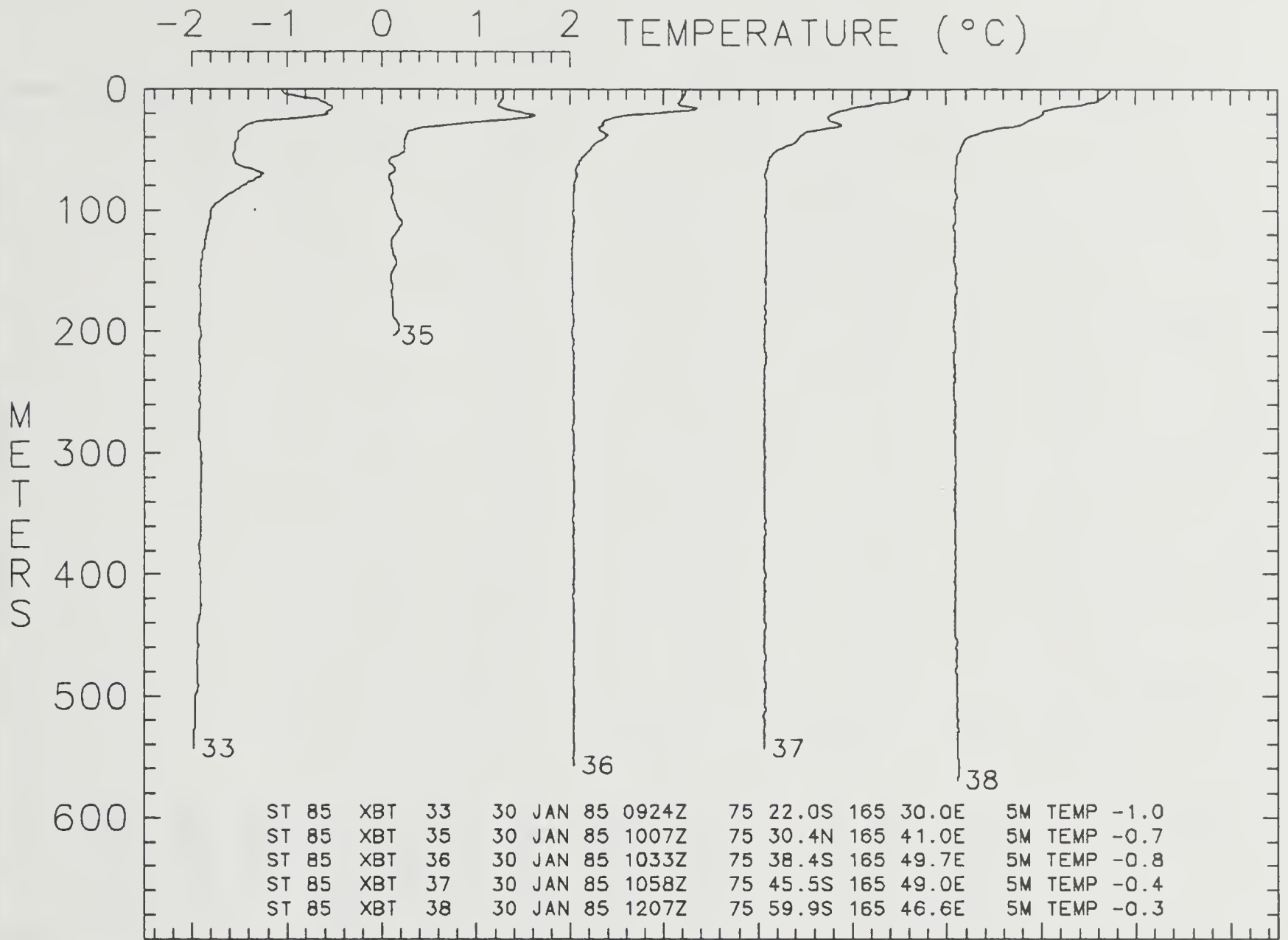


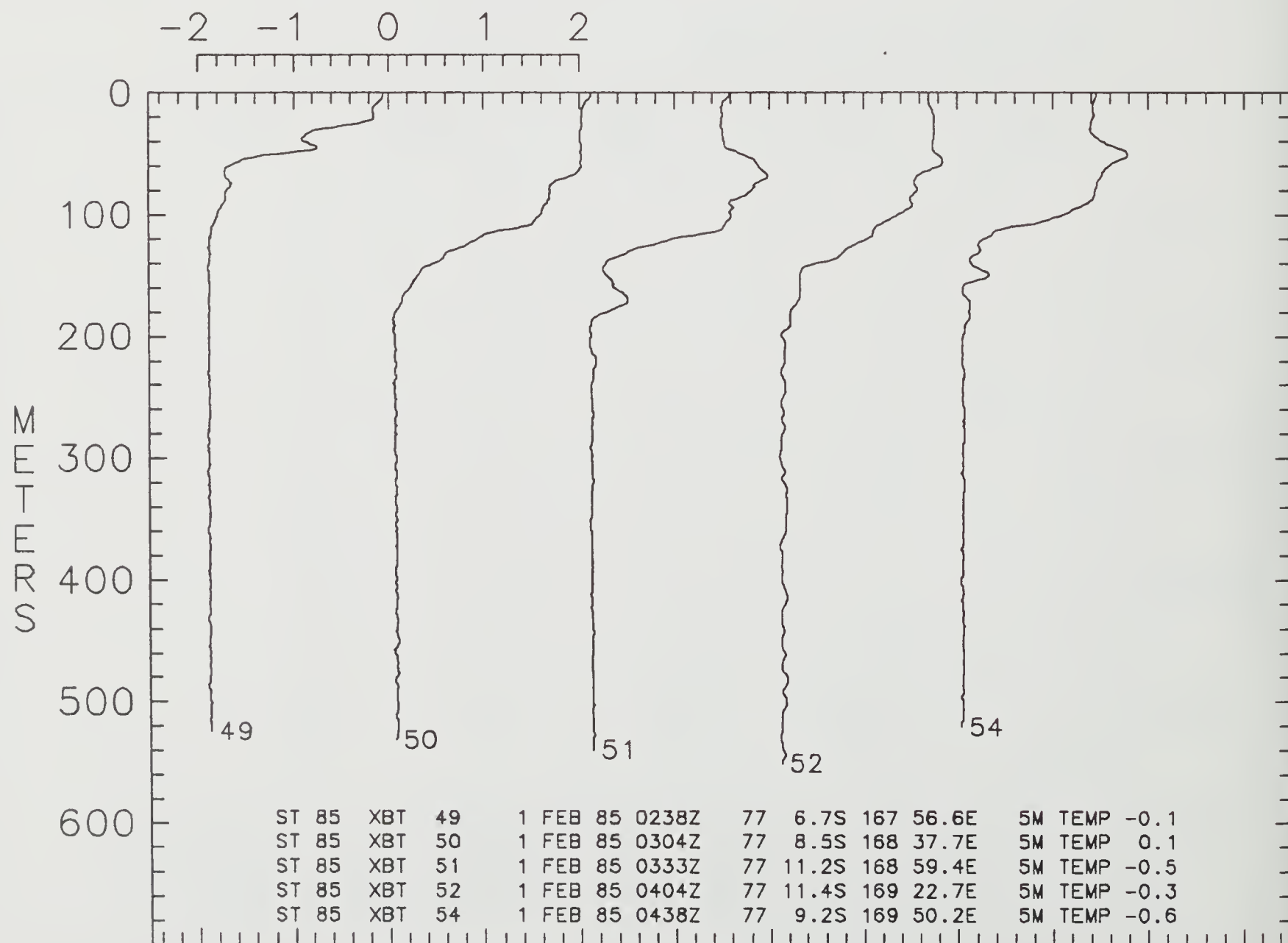
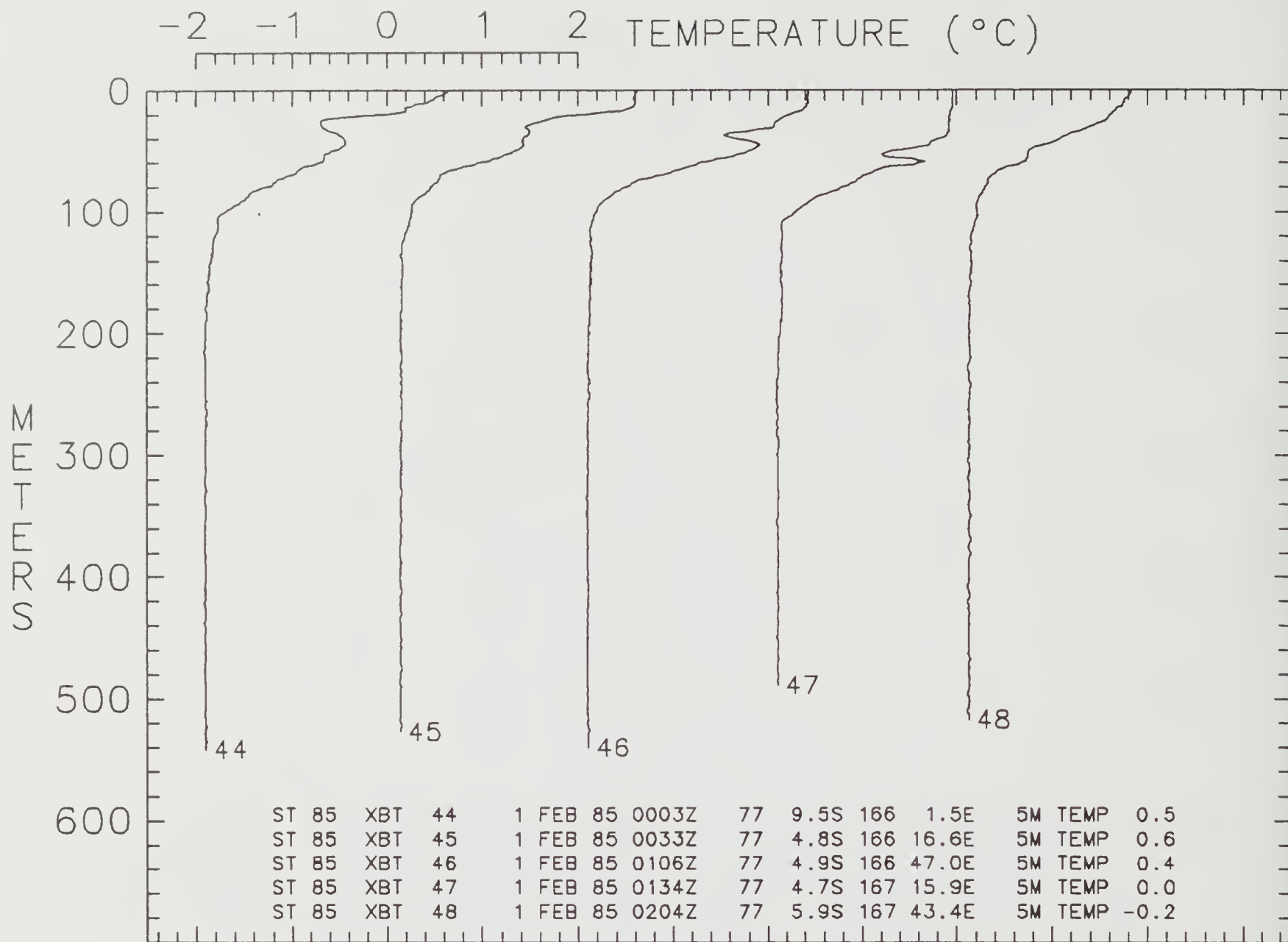
1985 POLAR STAR XBT CASTS
 + ST85 (1-41), (109-147)
 o ST85 (42-108)

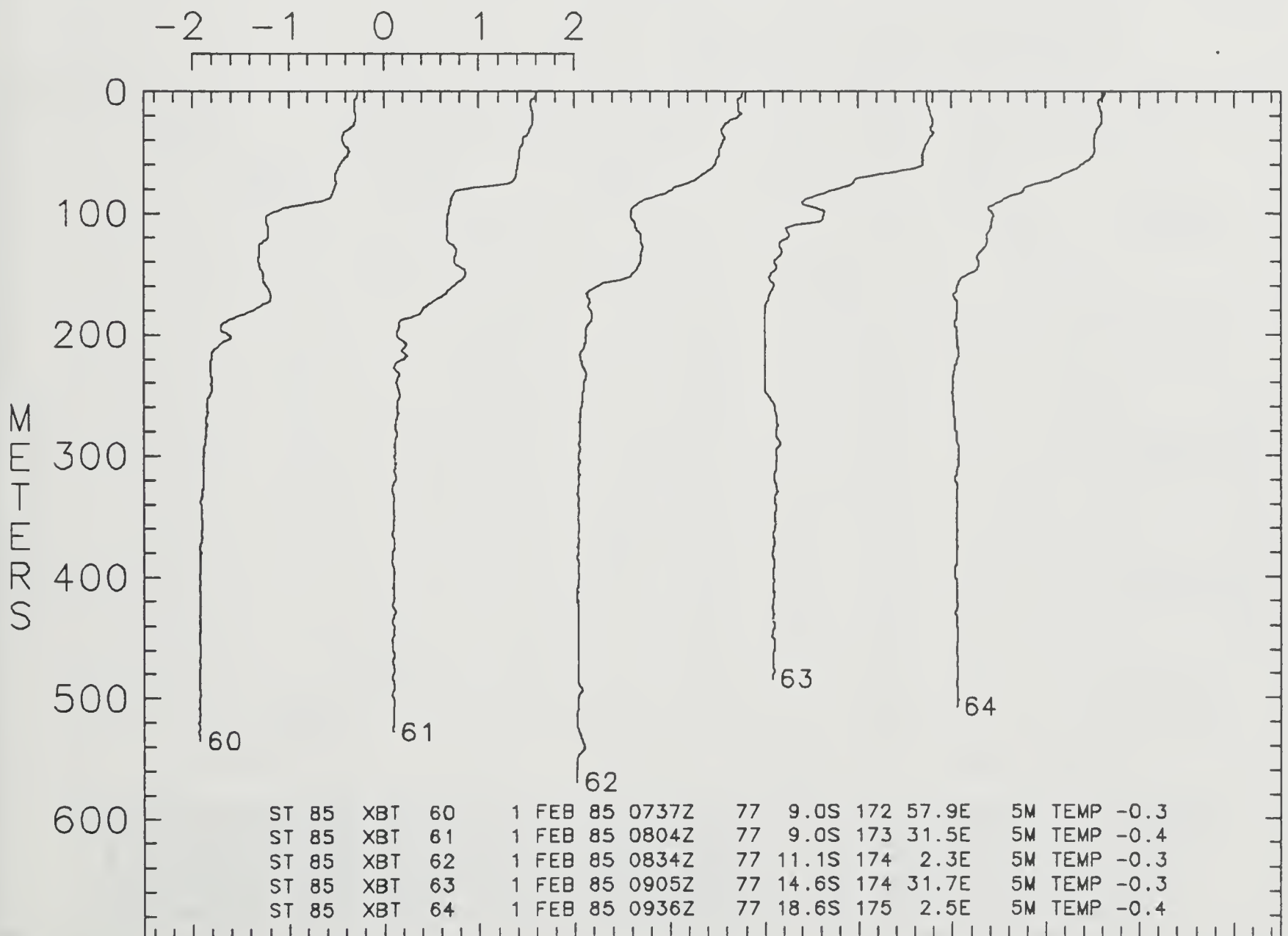
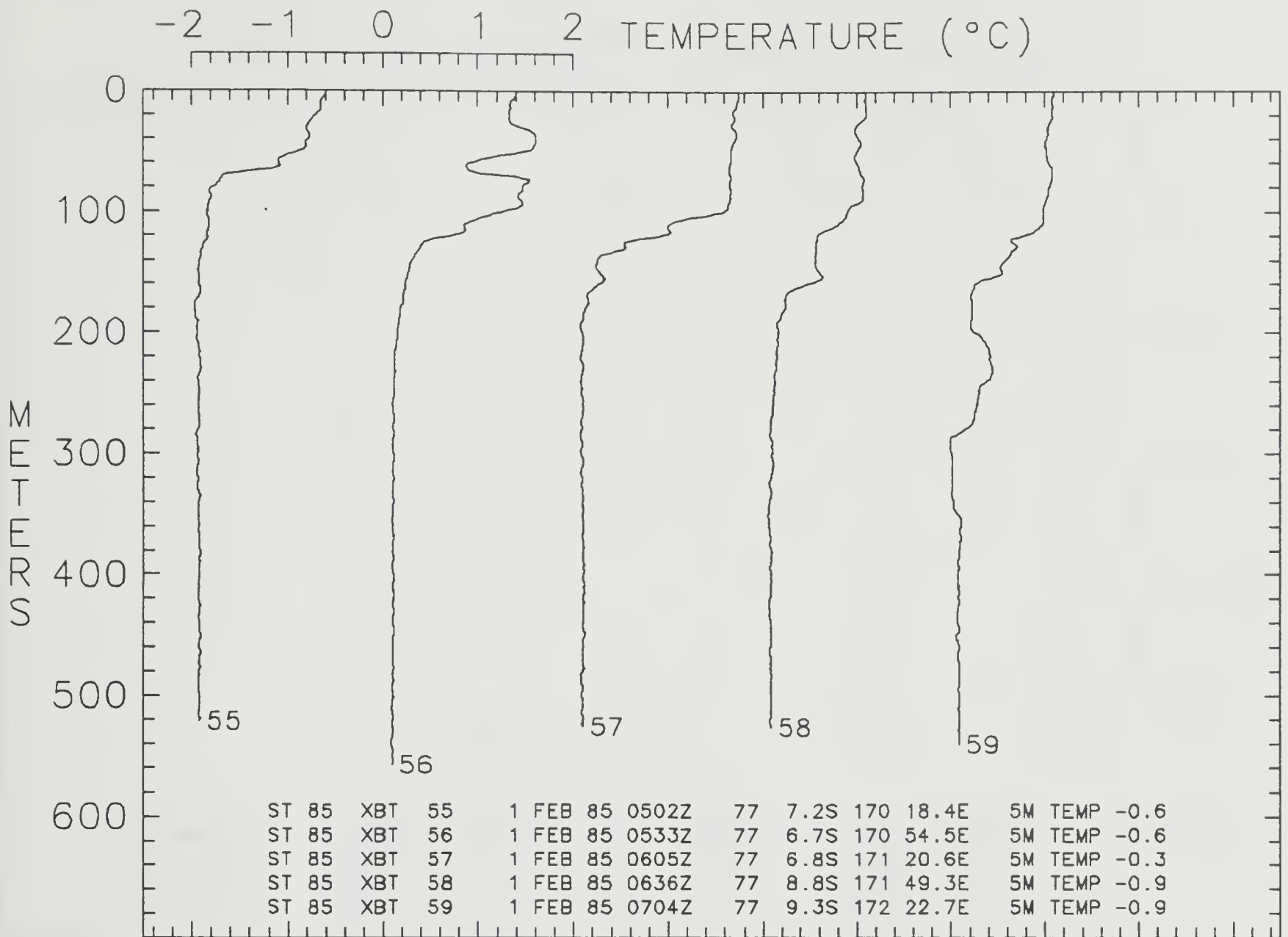


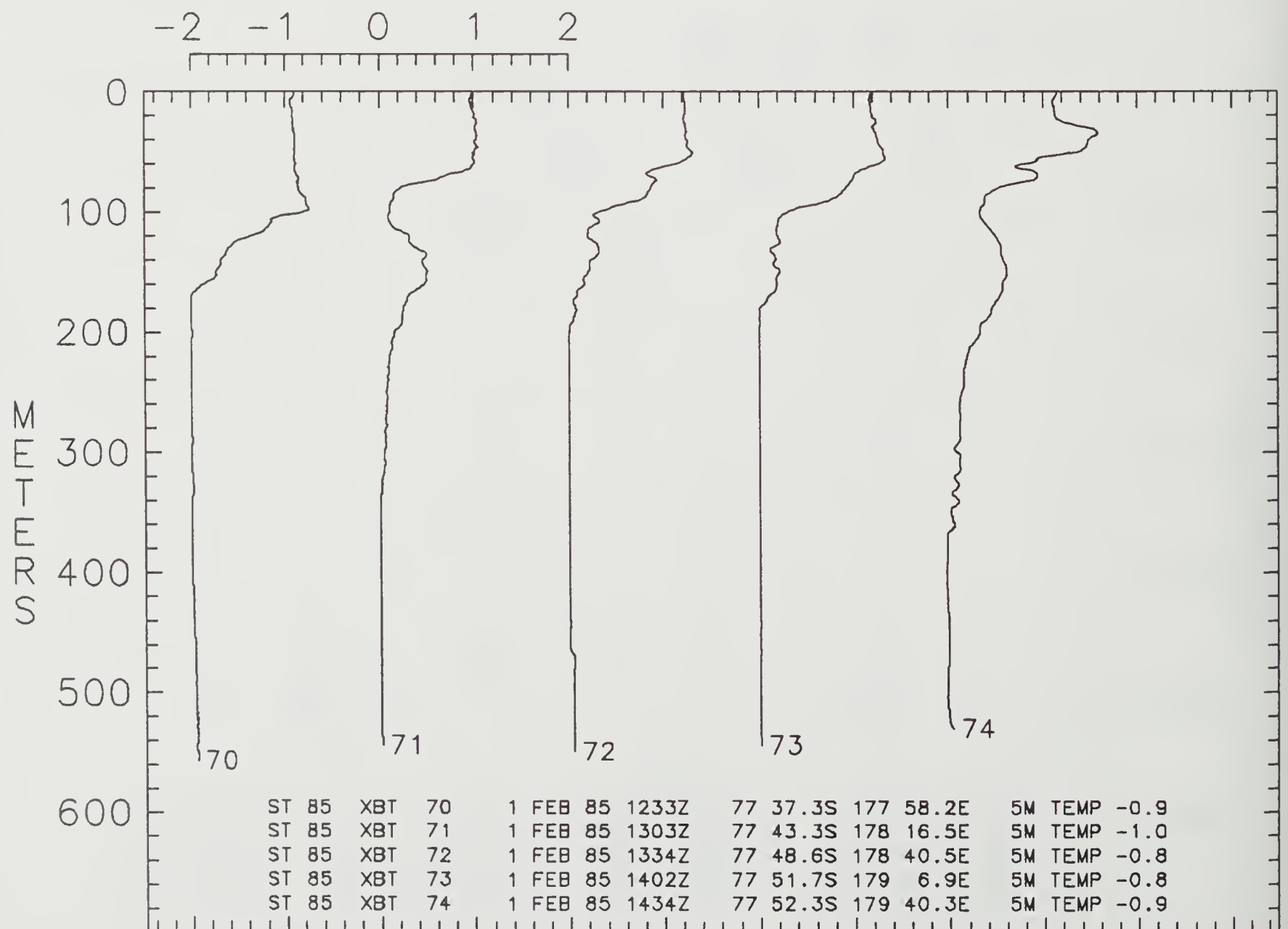
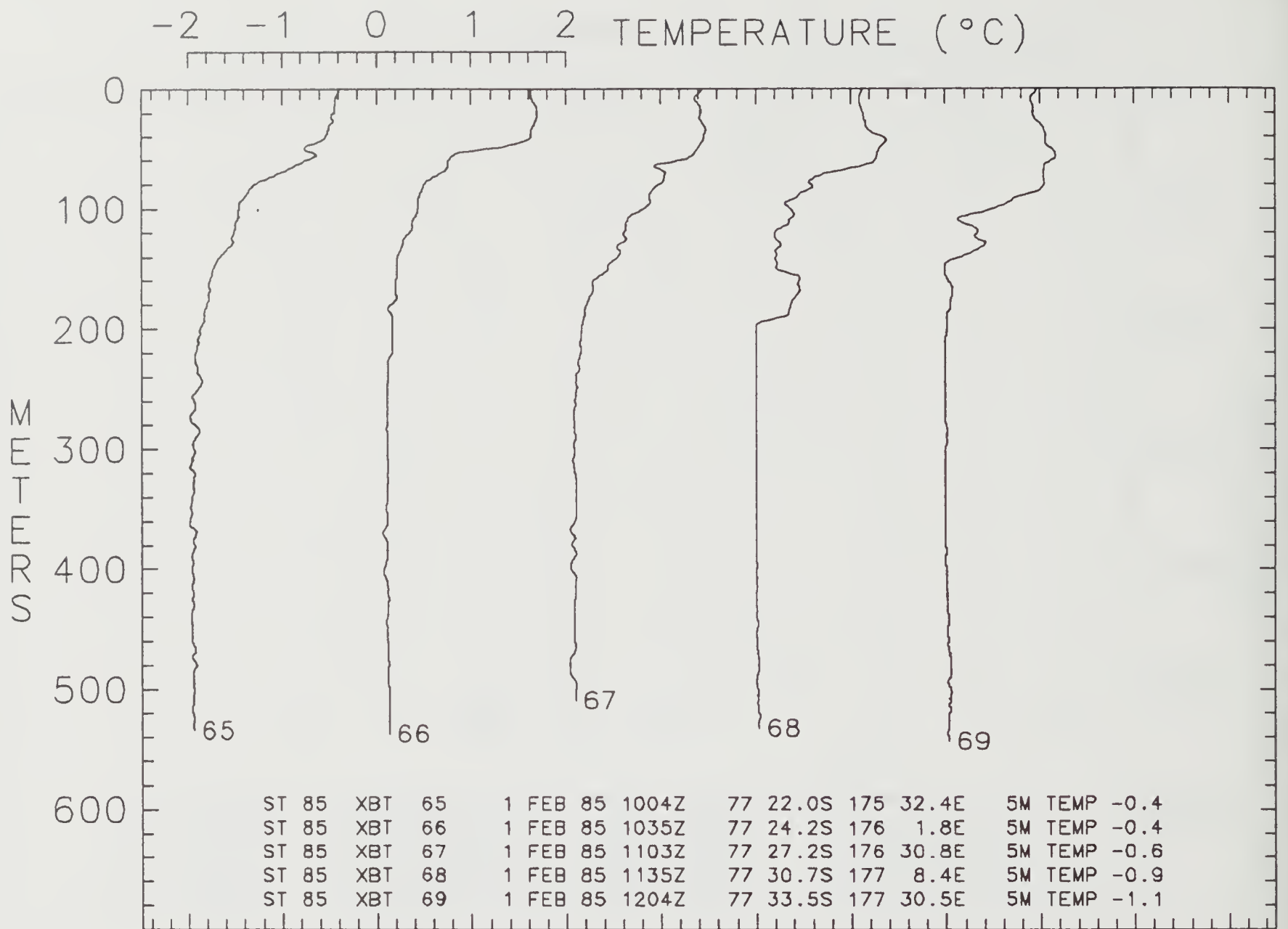


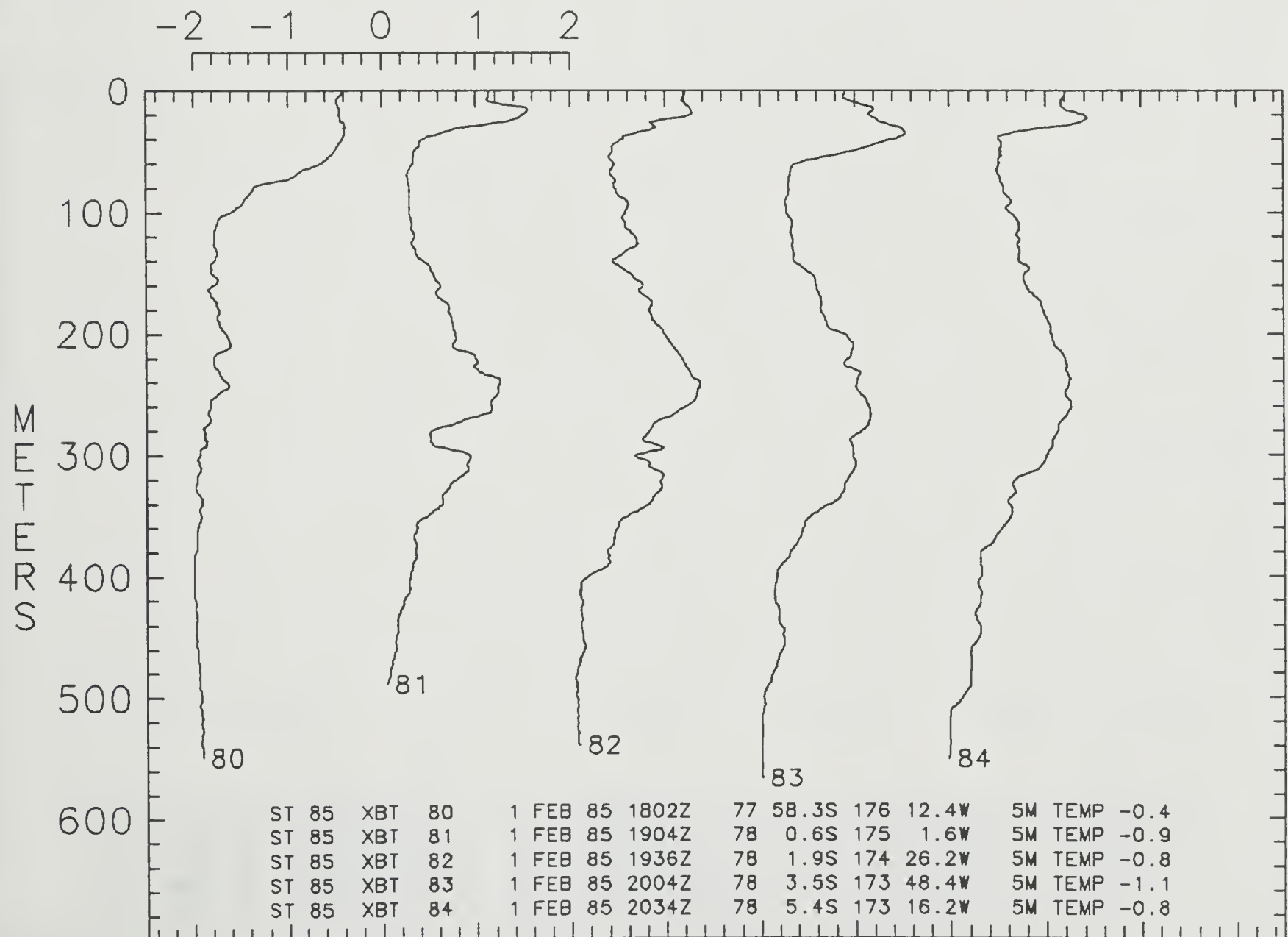
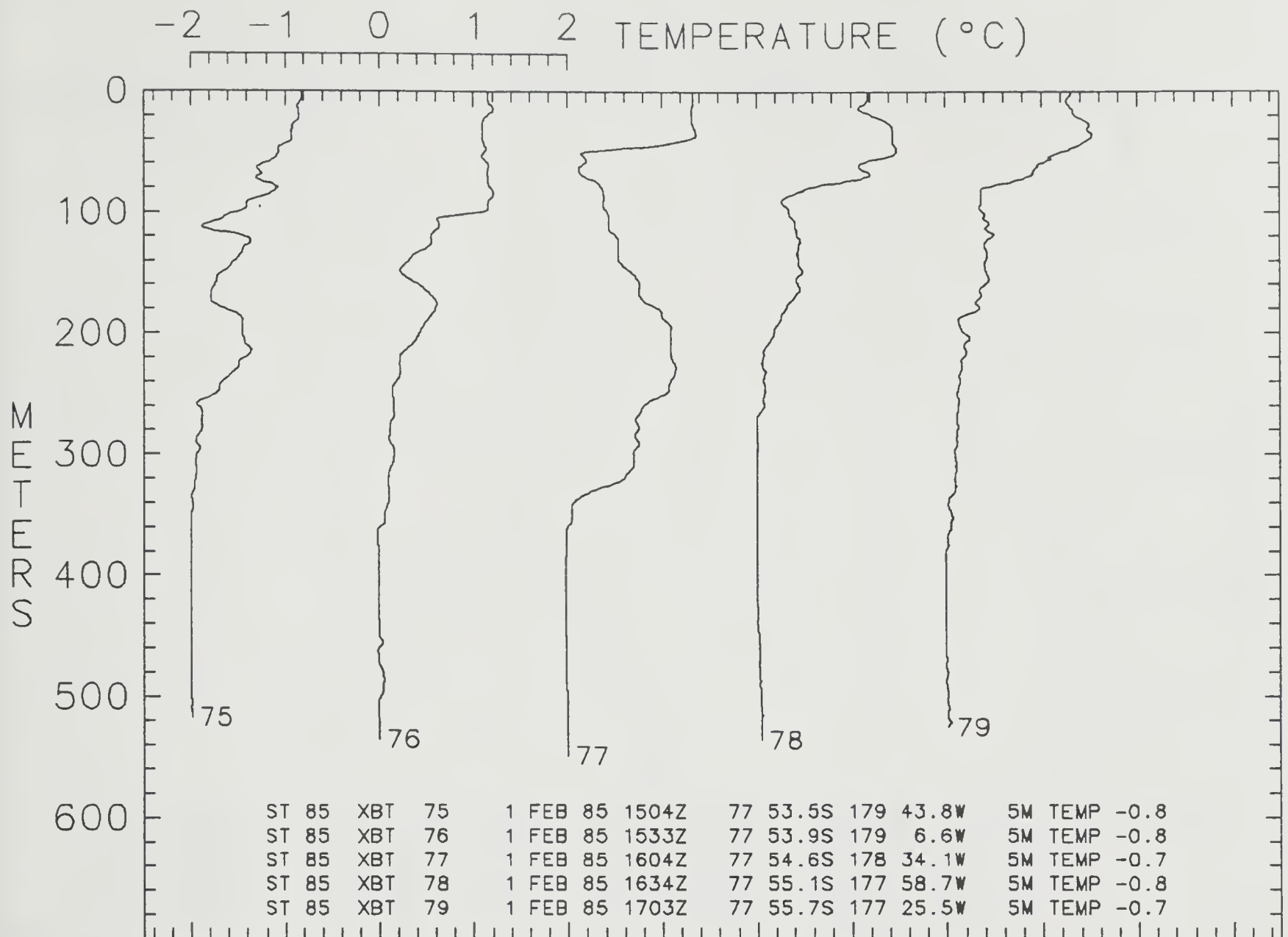


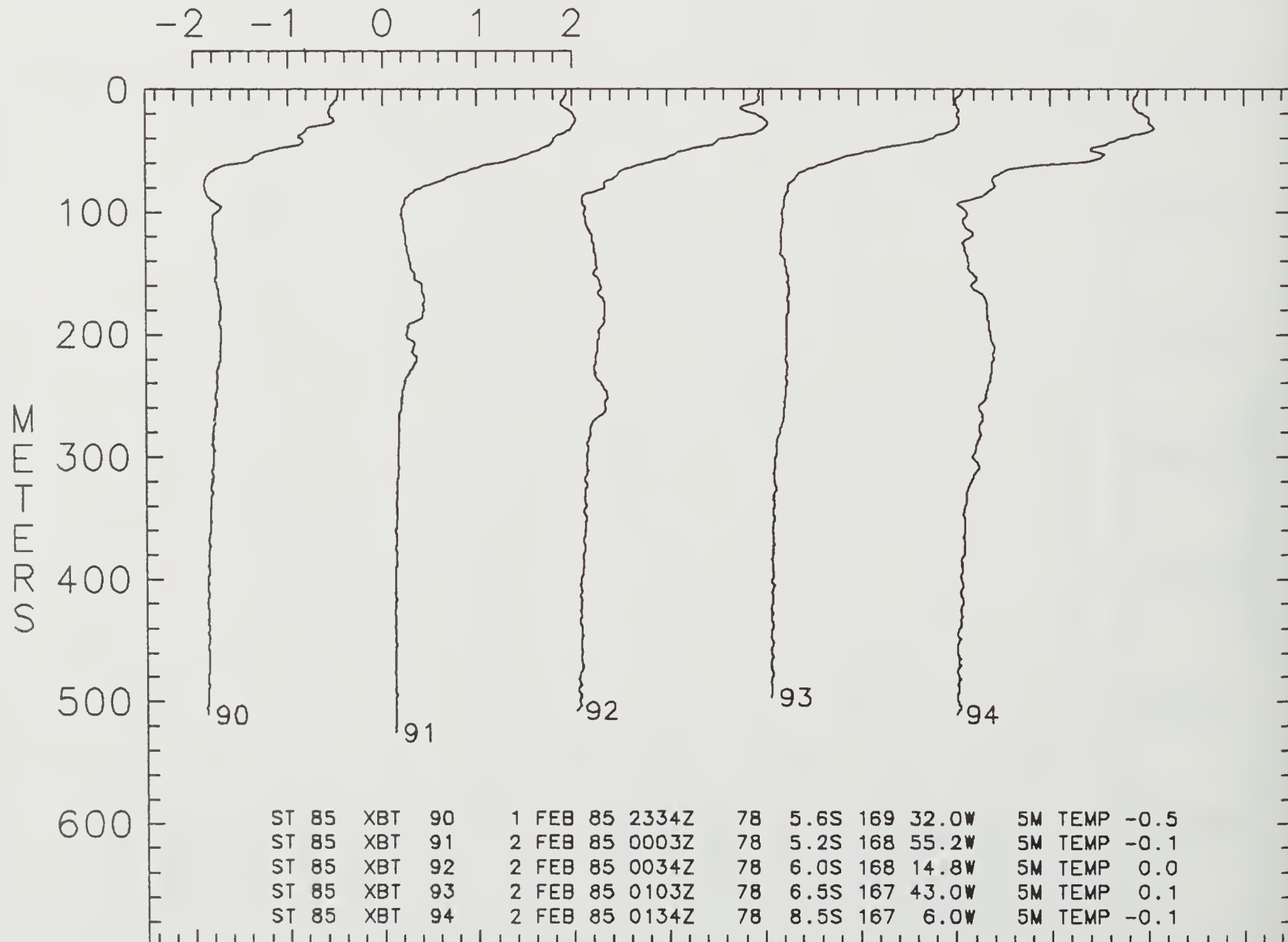
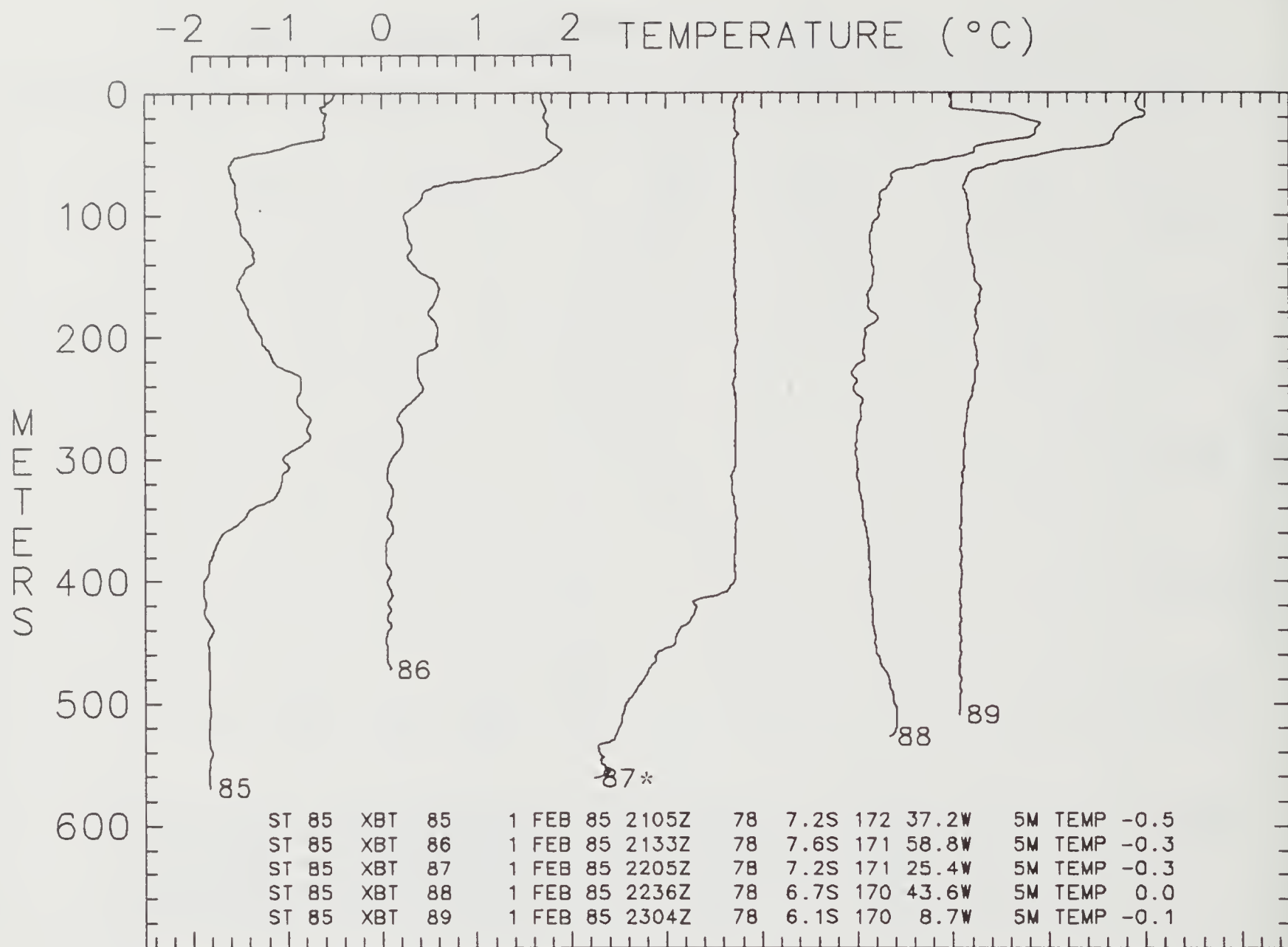


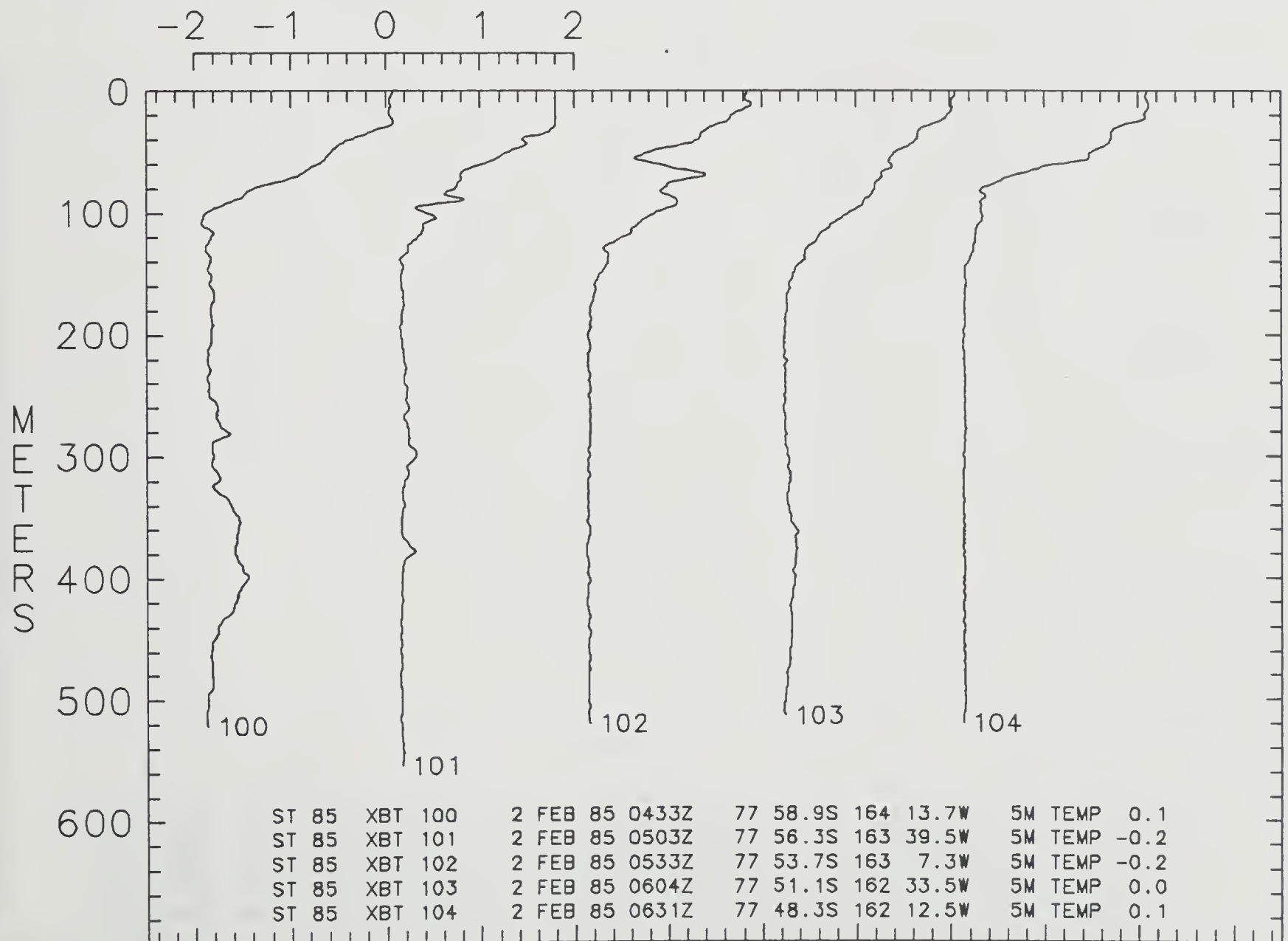
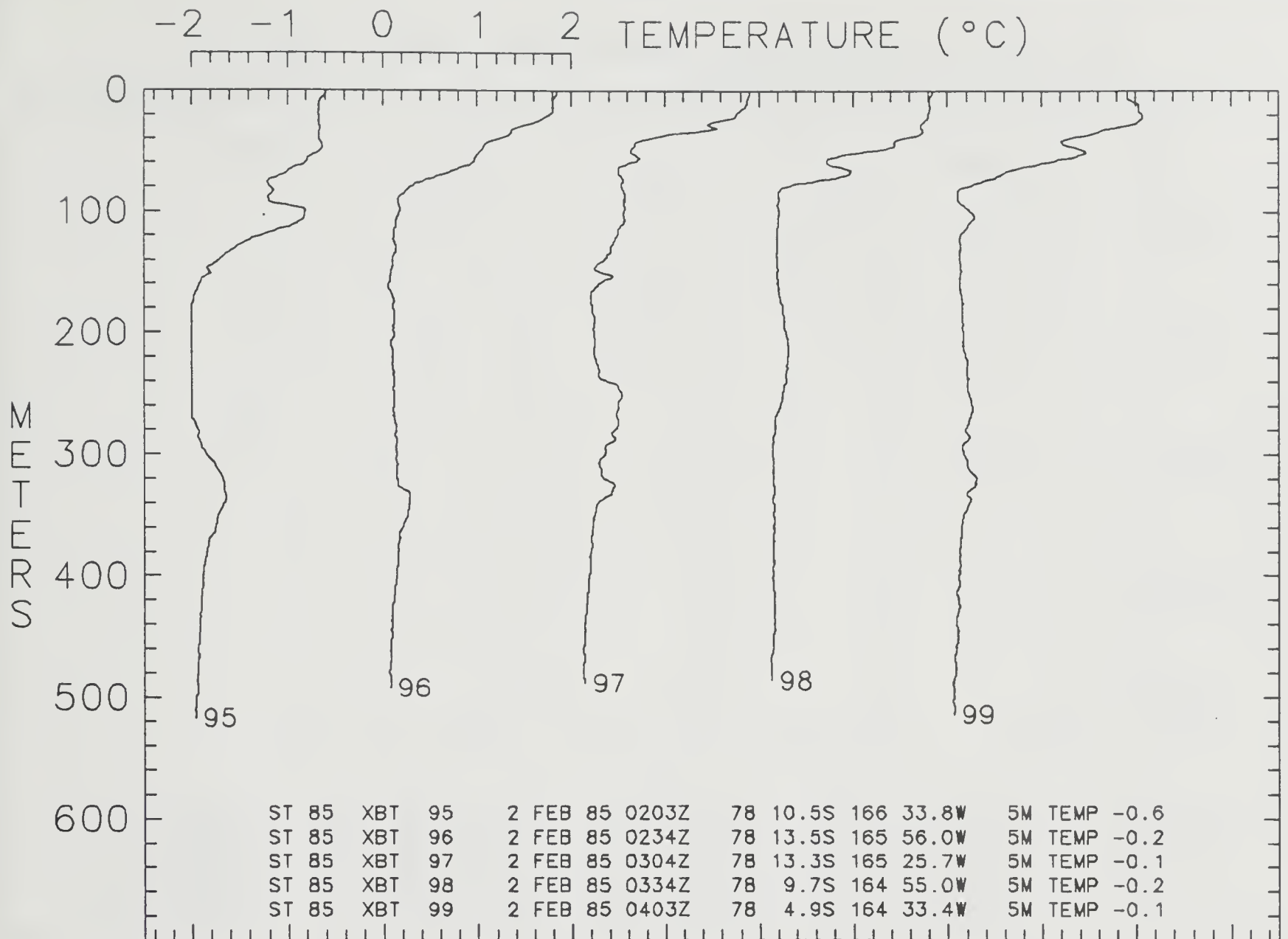


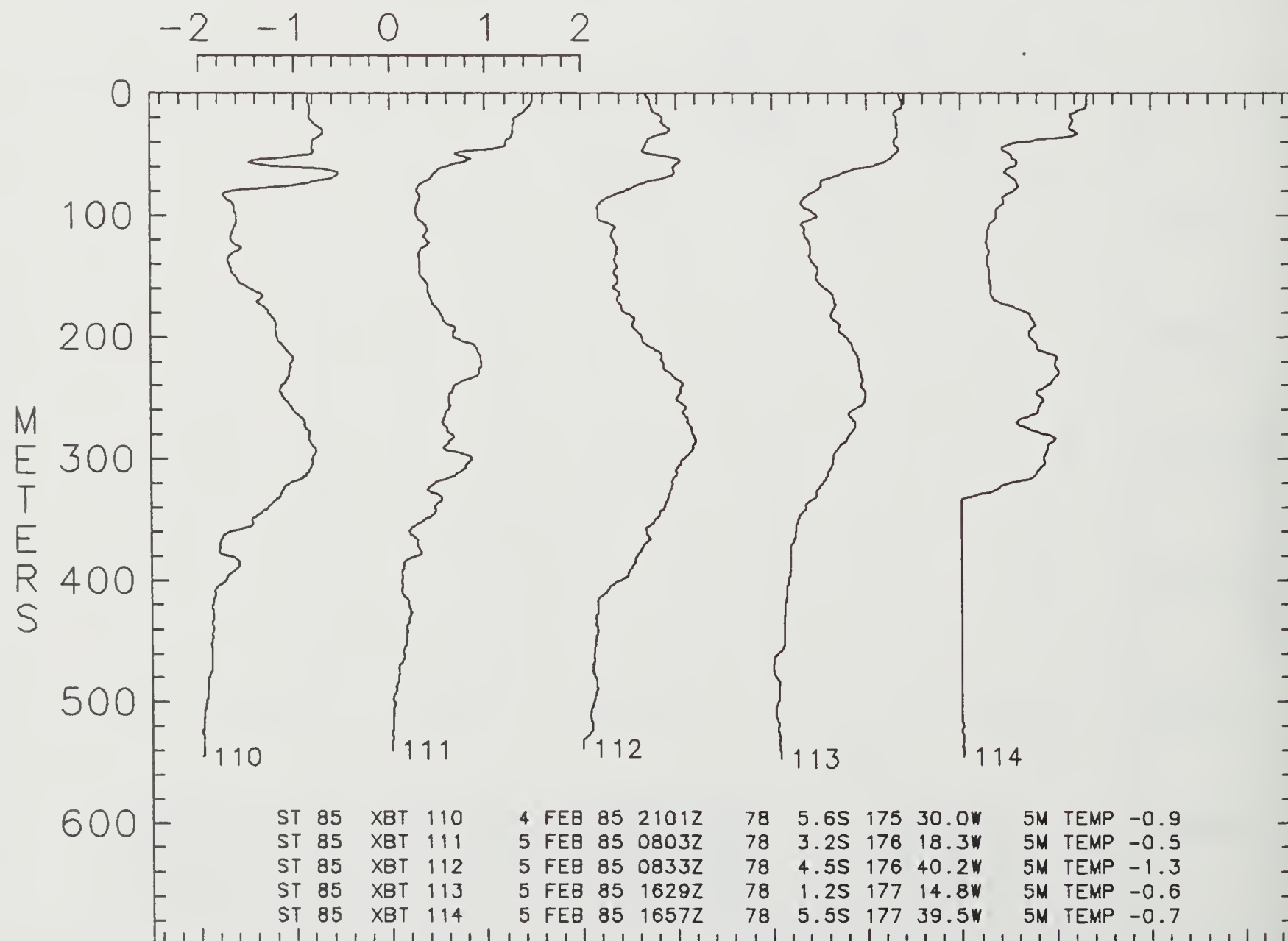
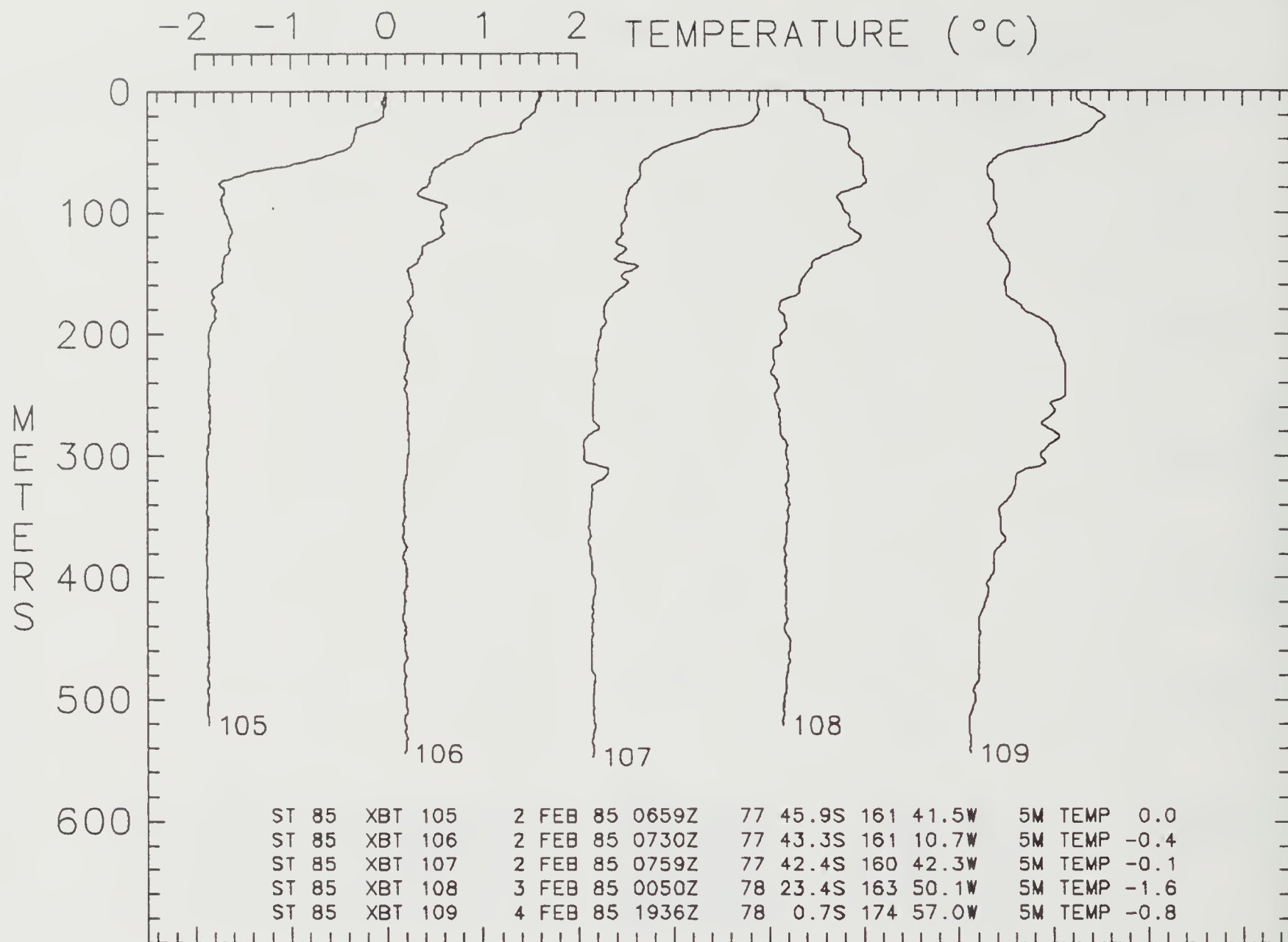


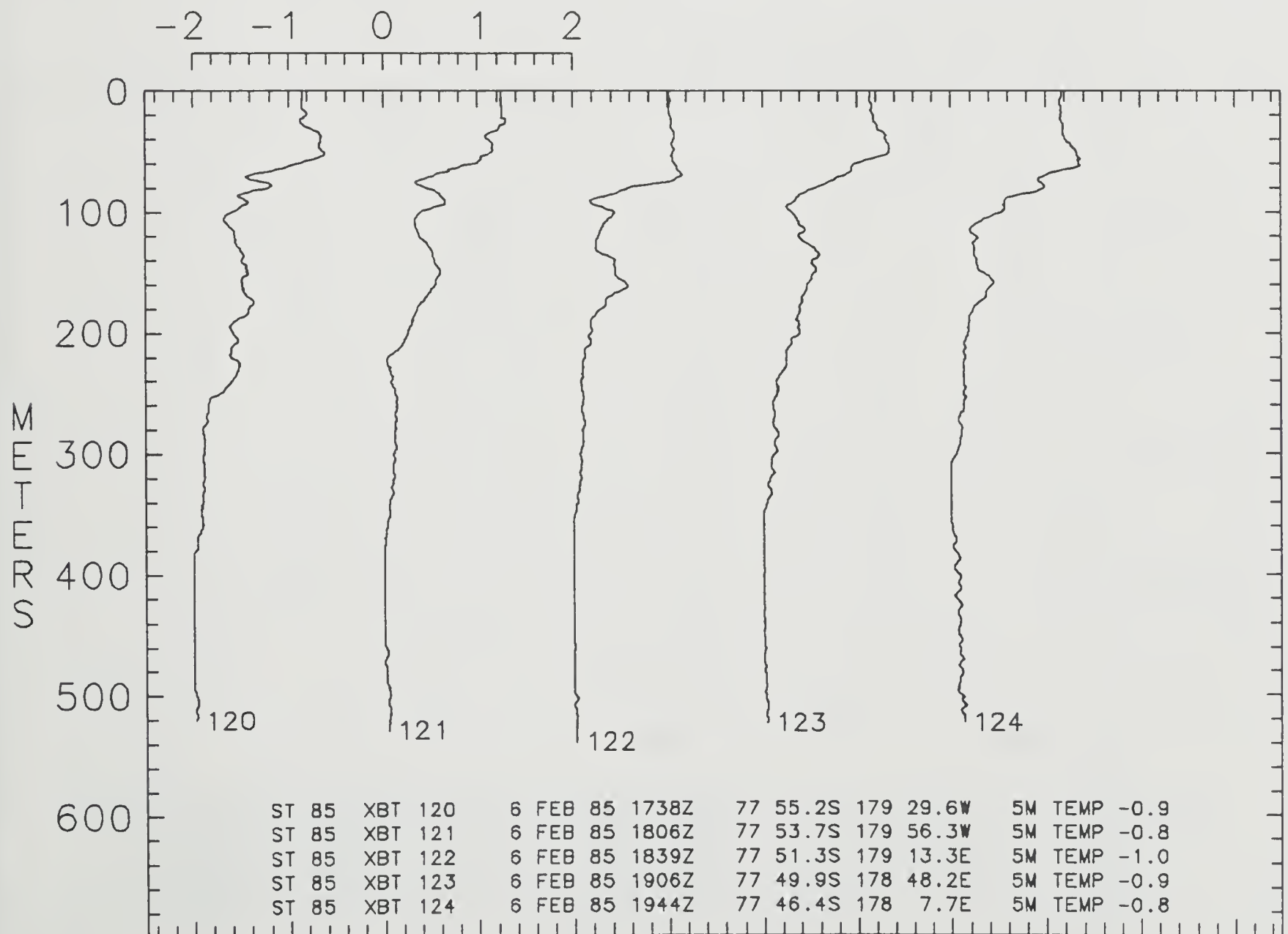
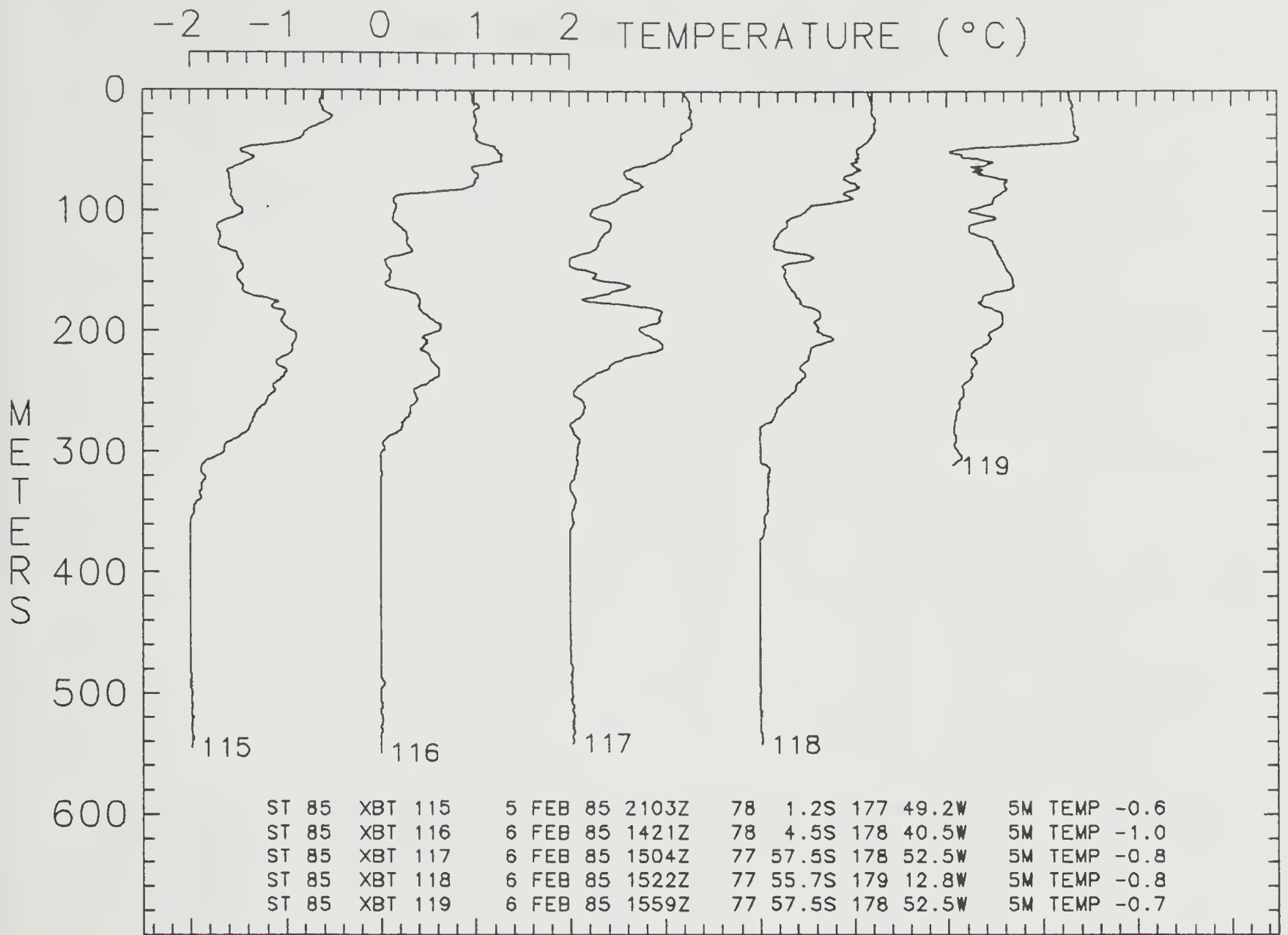


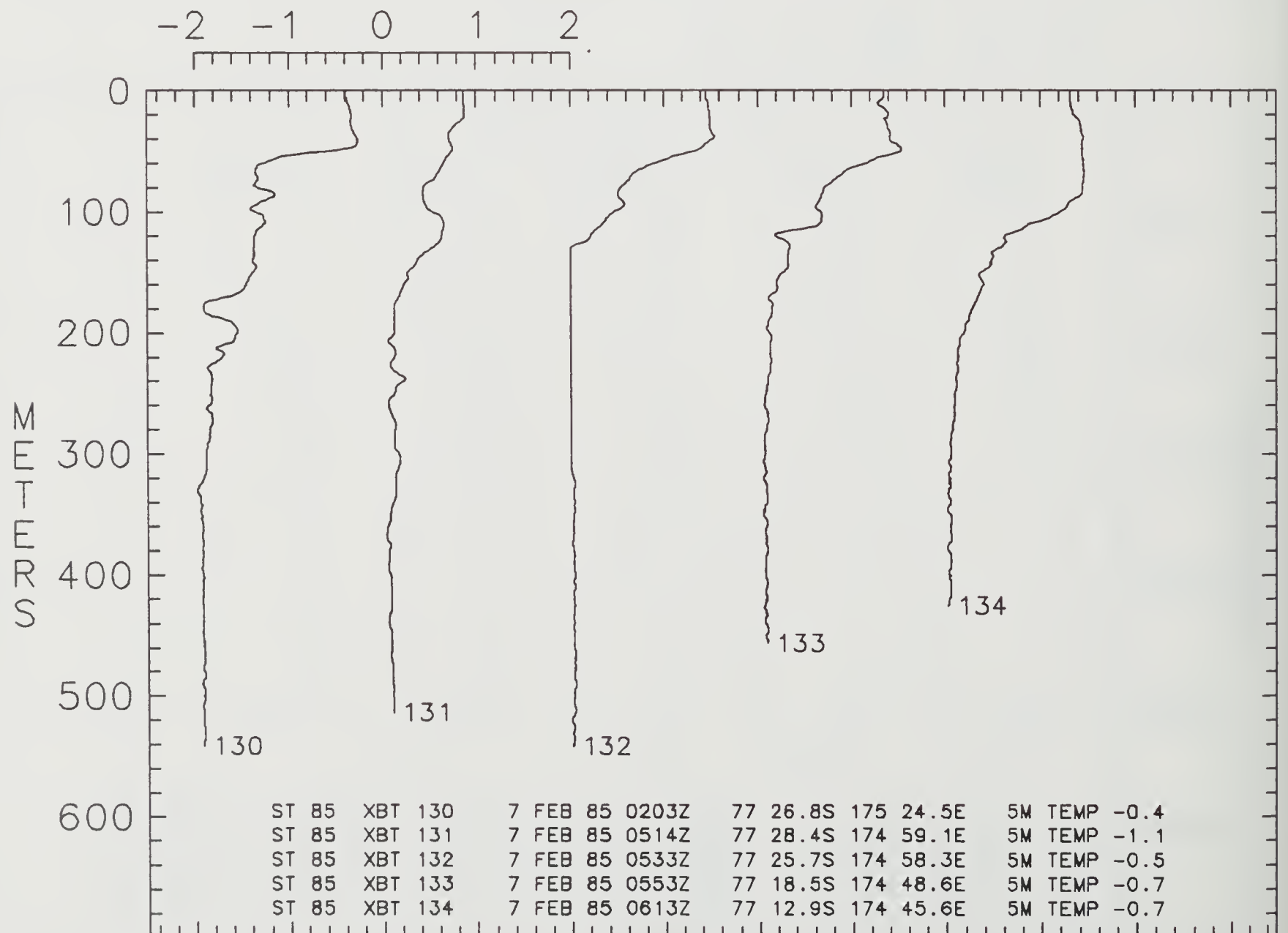
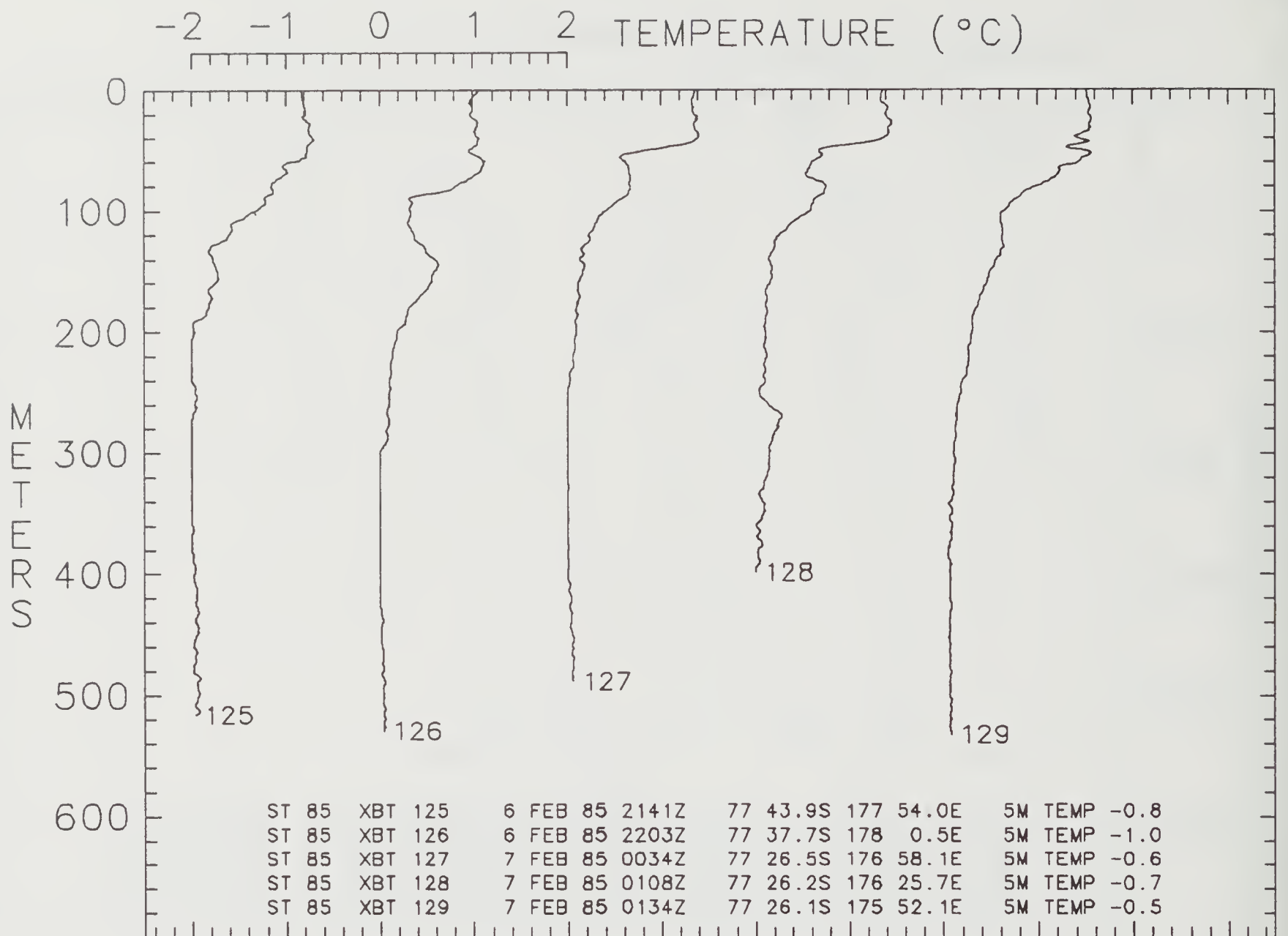


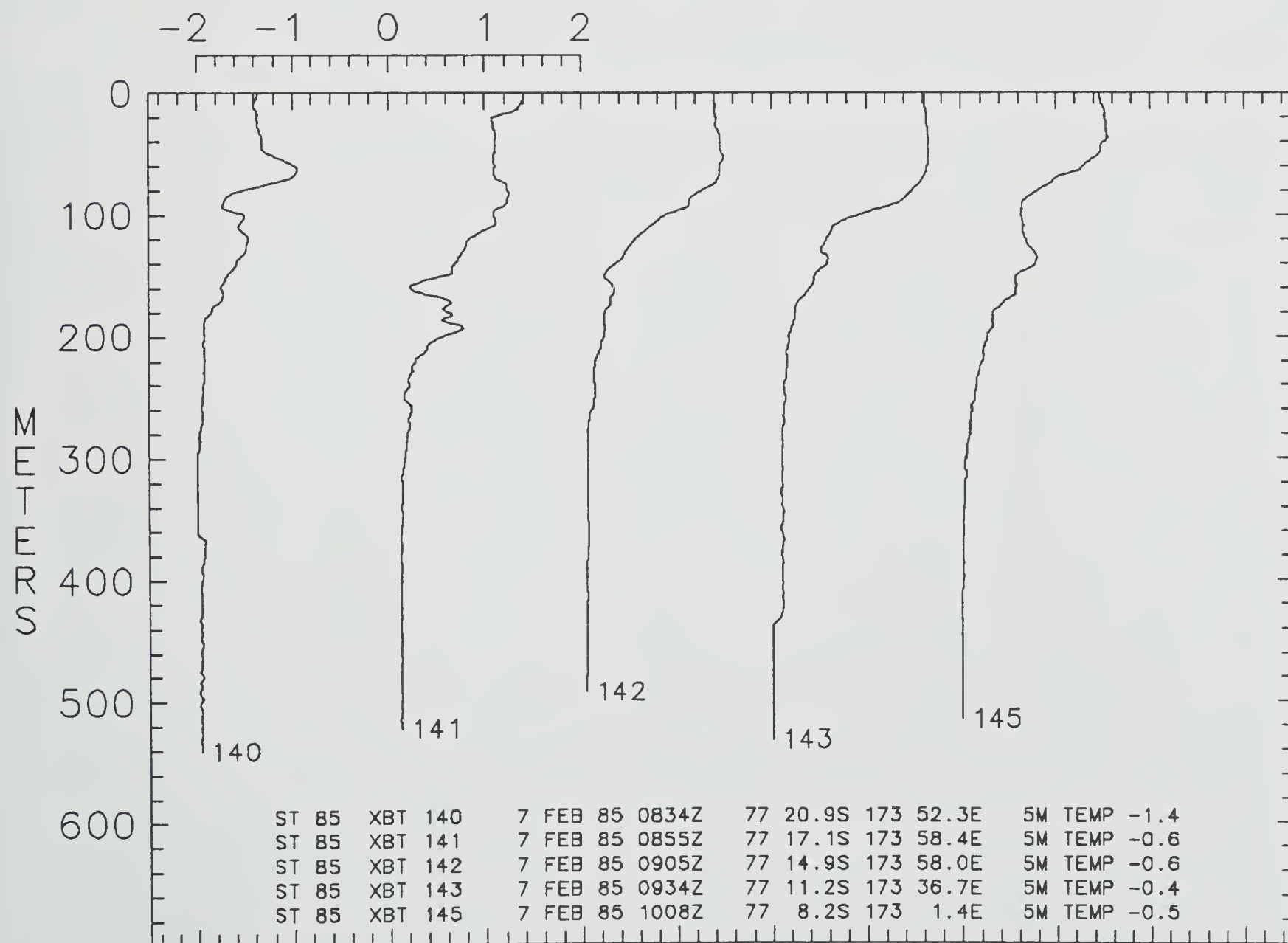
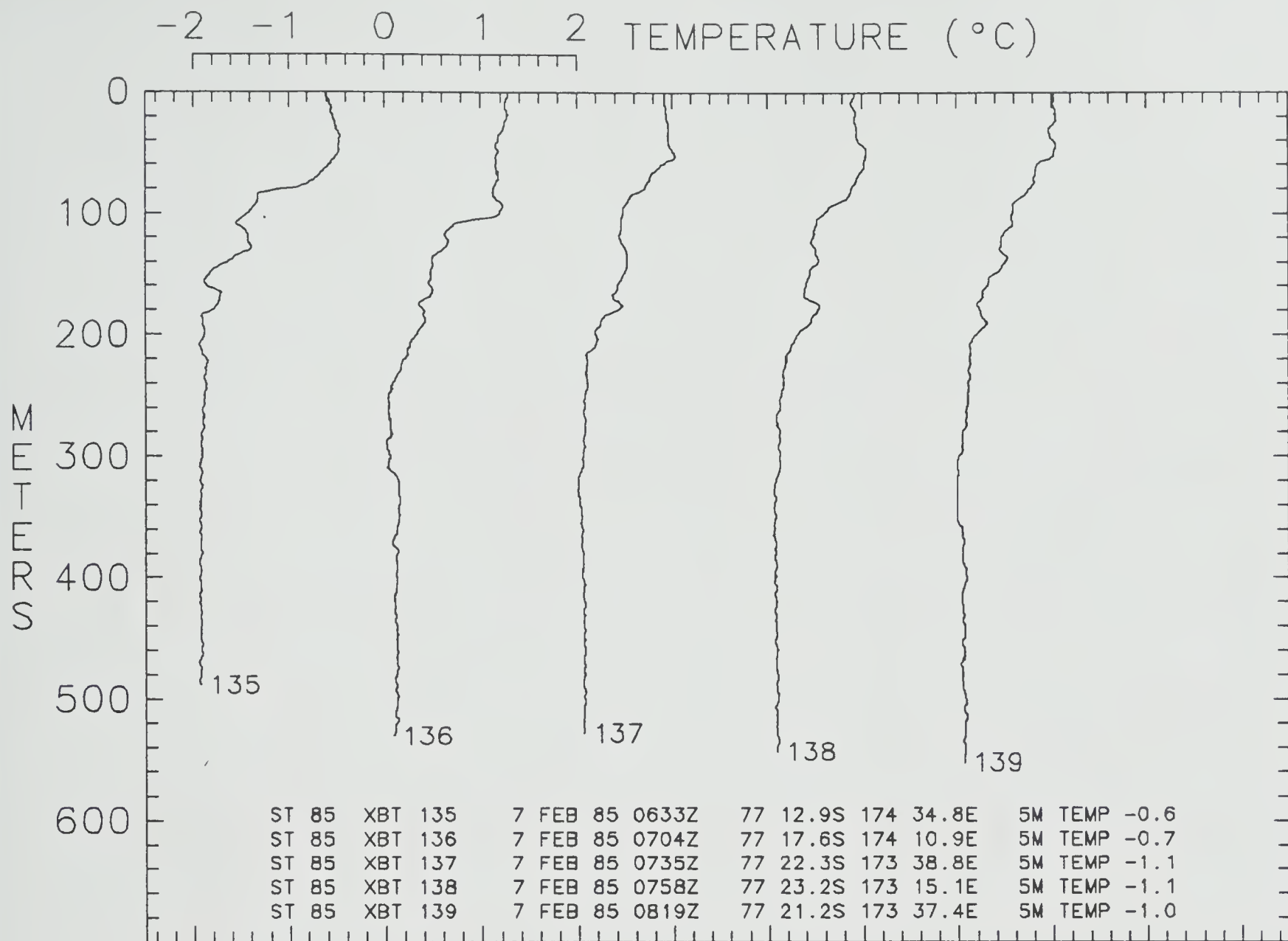


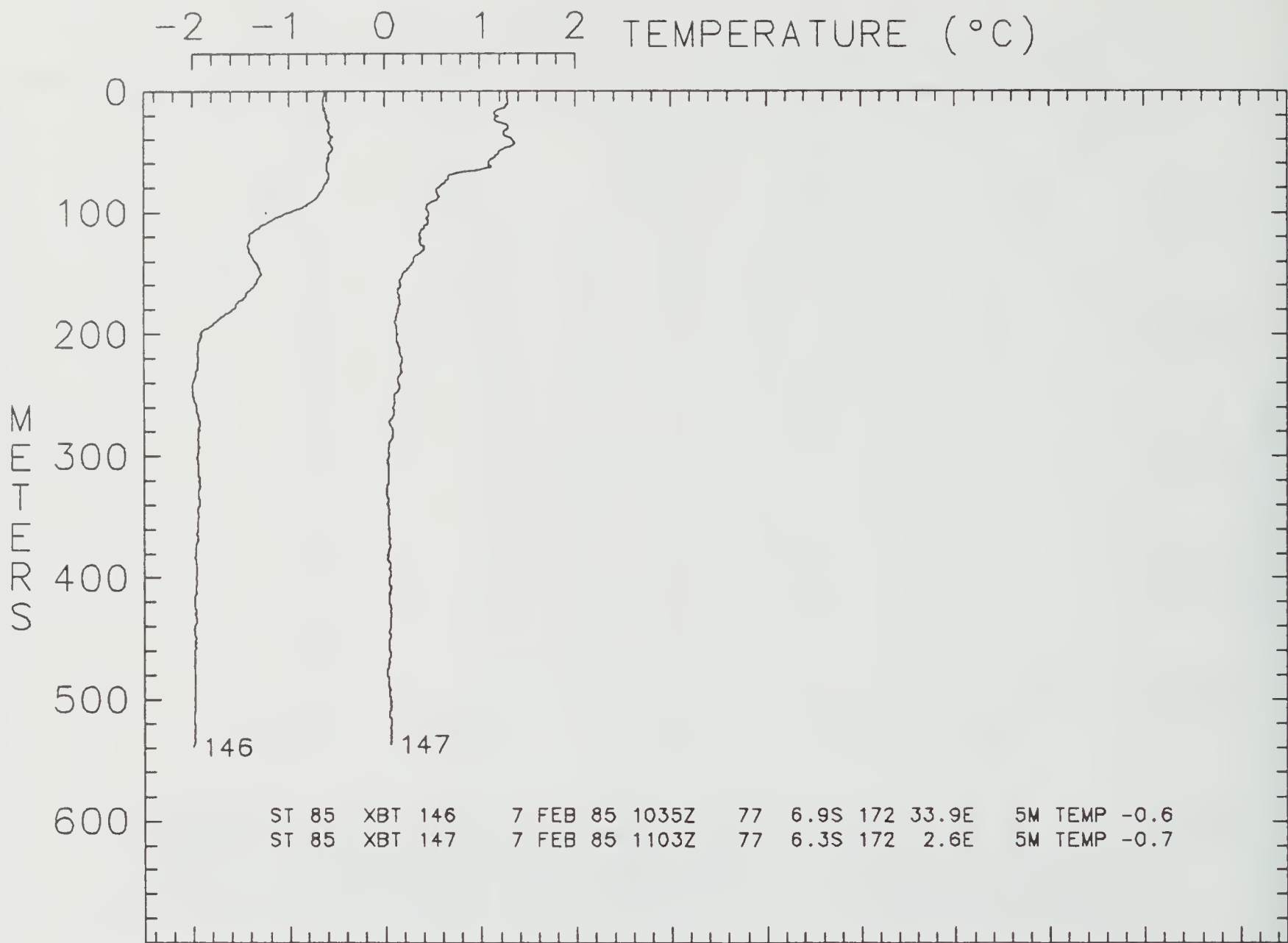




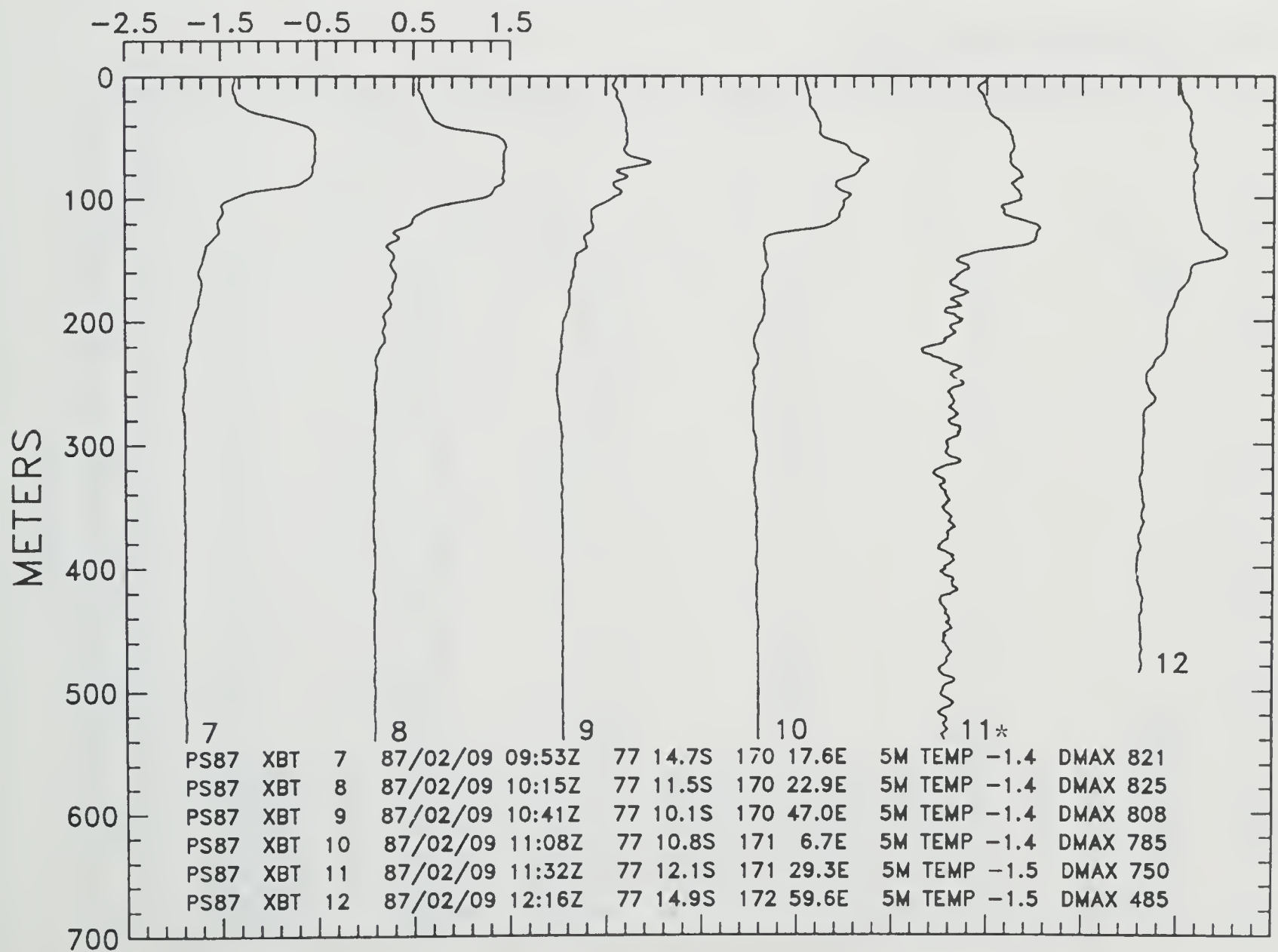
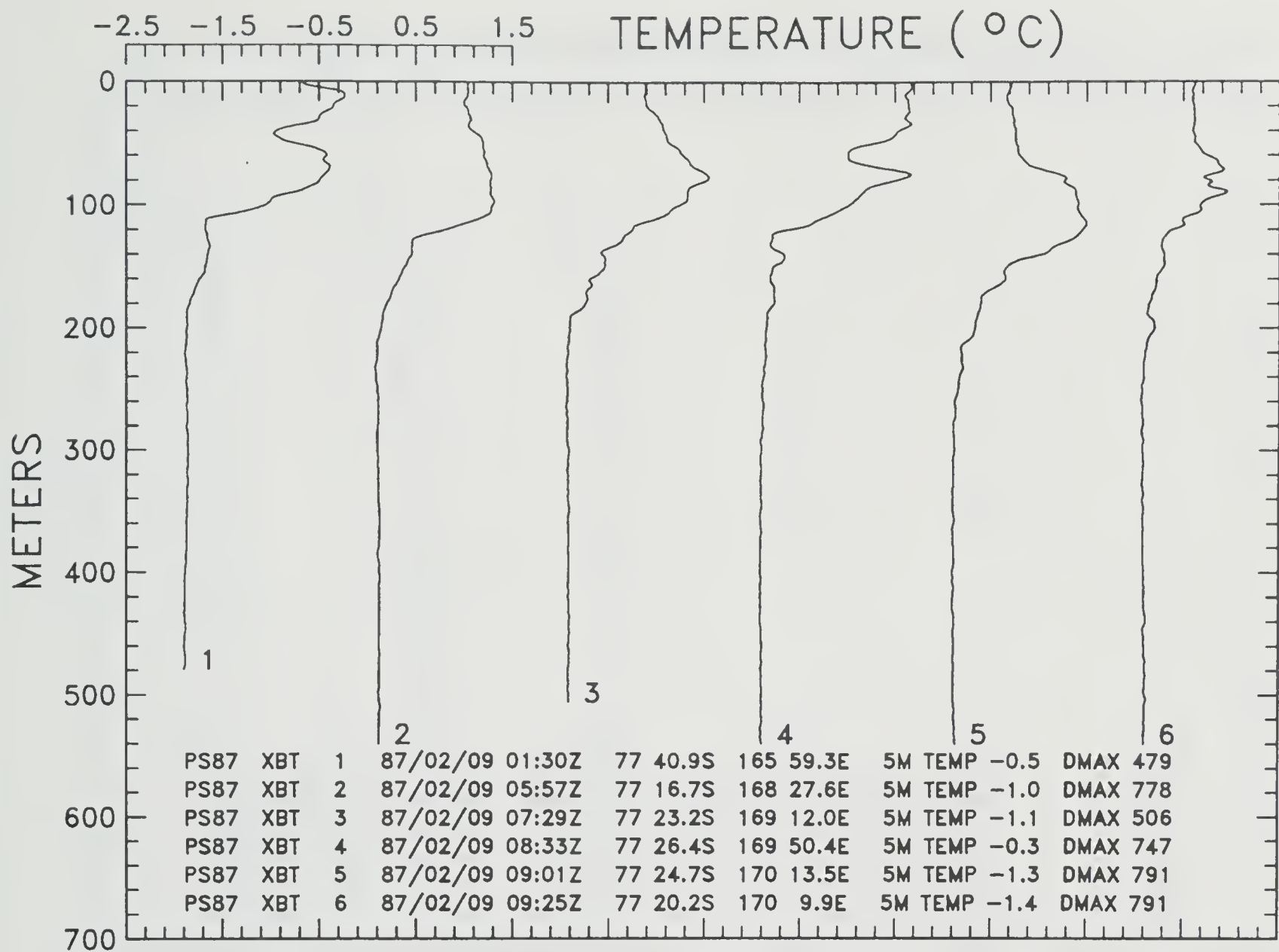


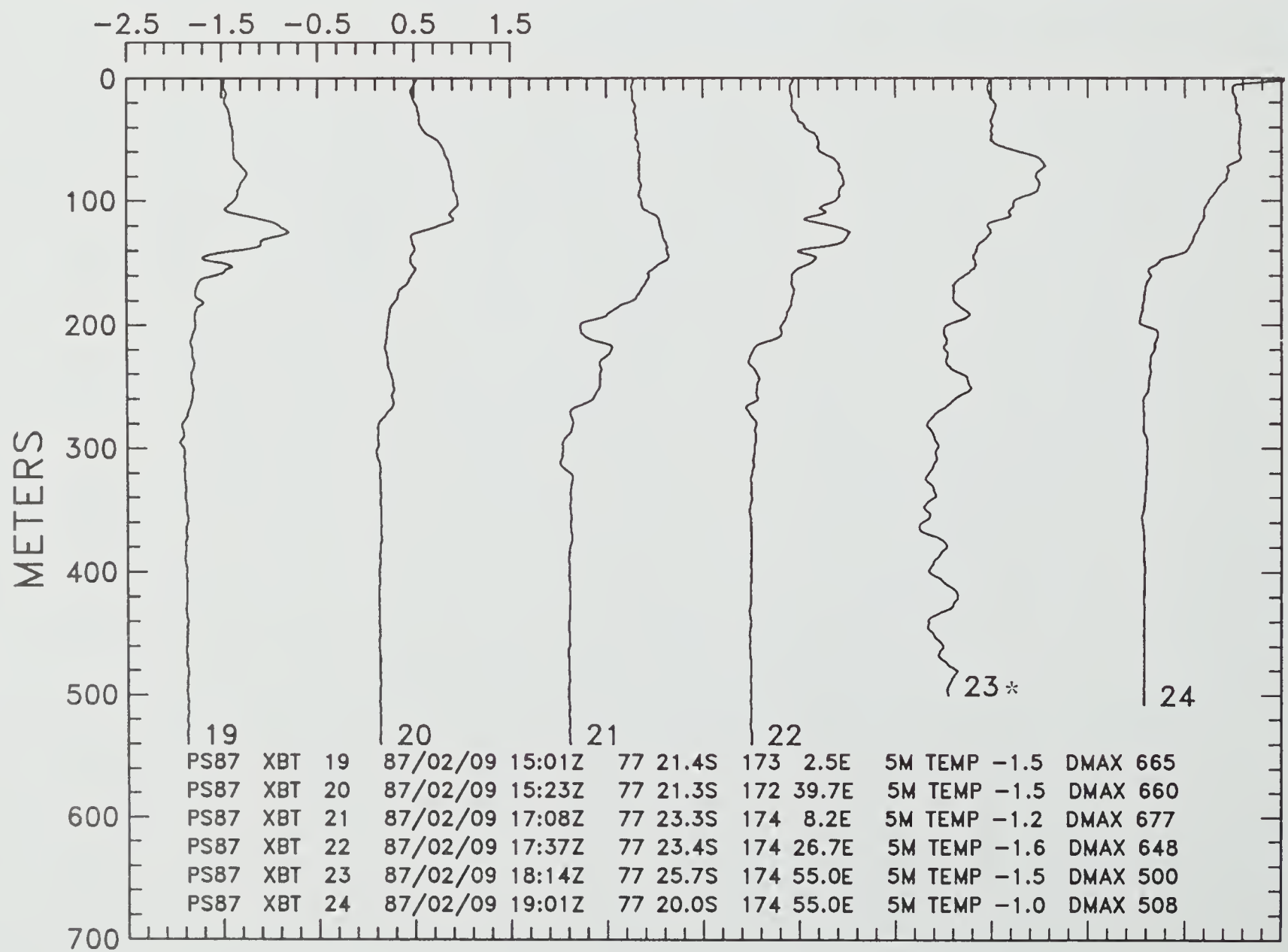
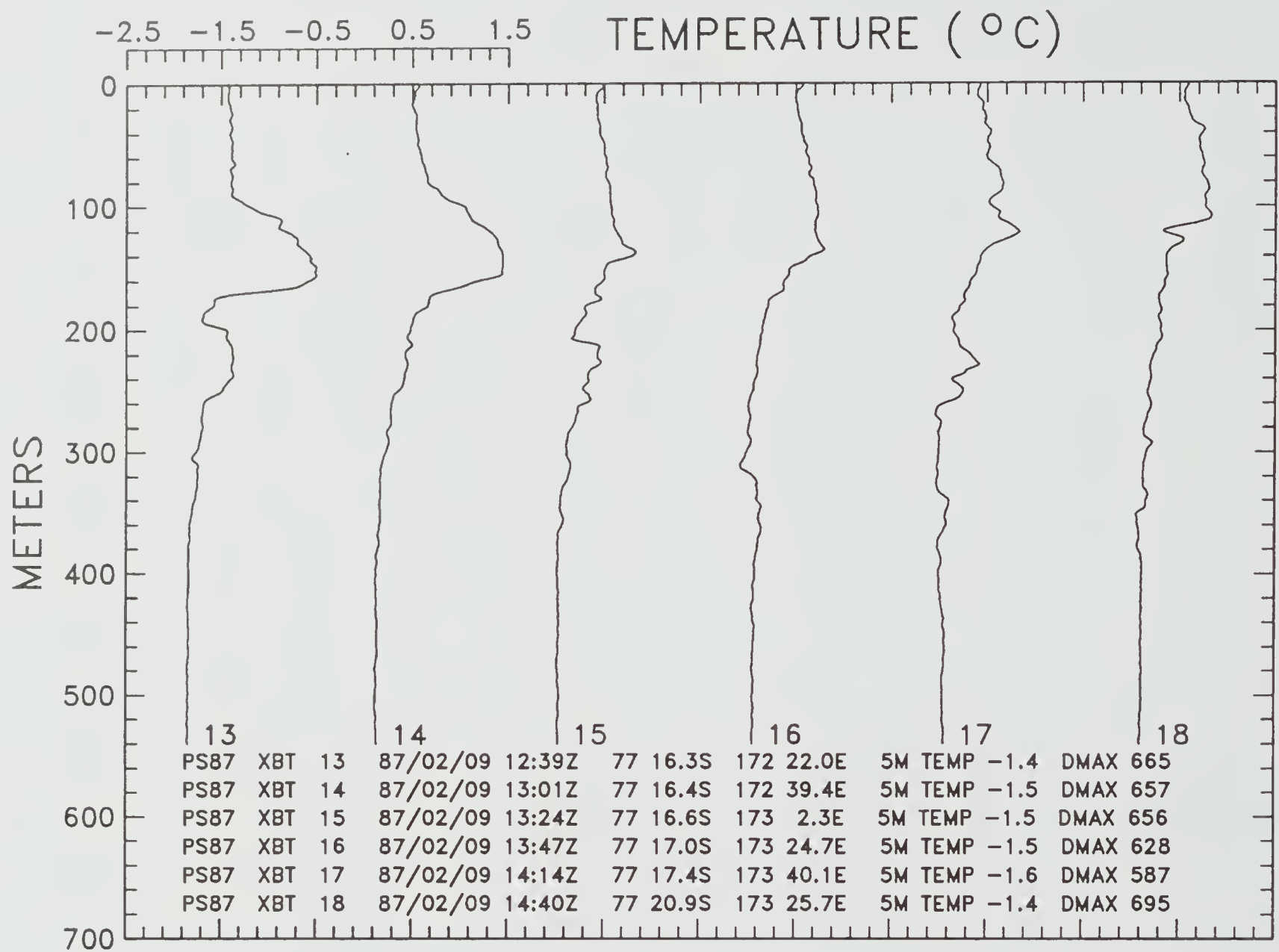


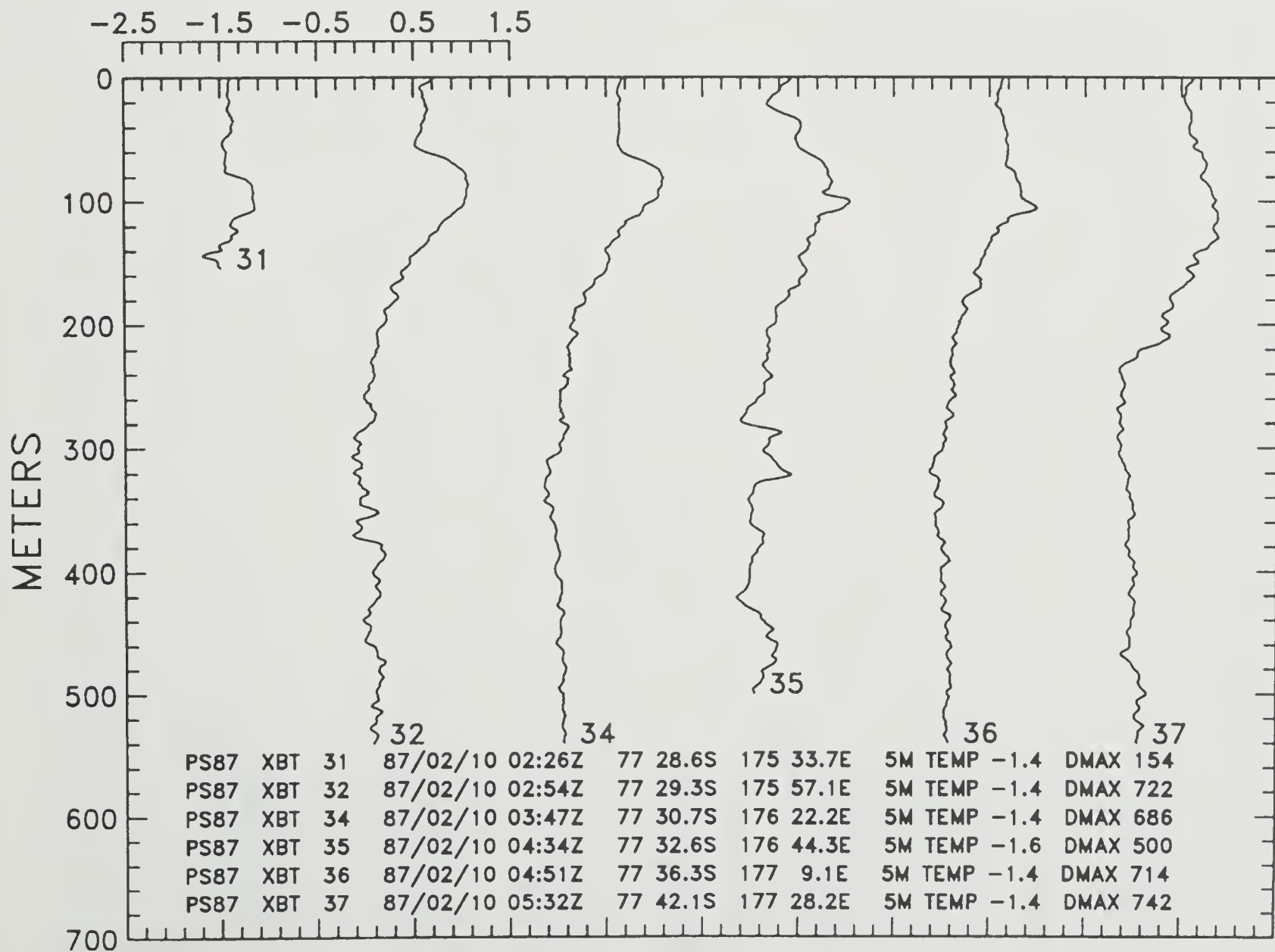
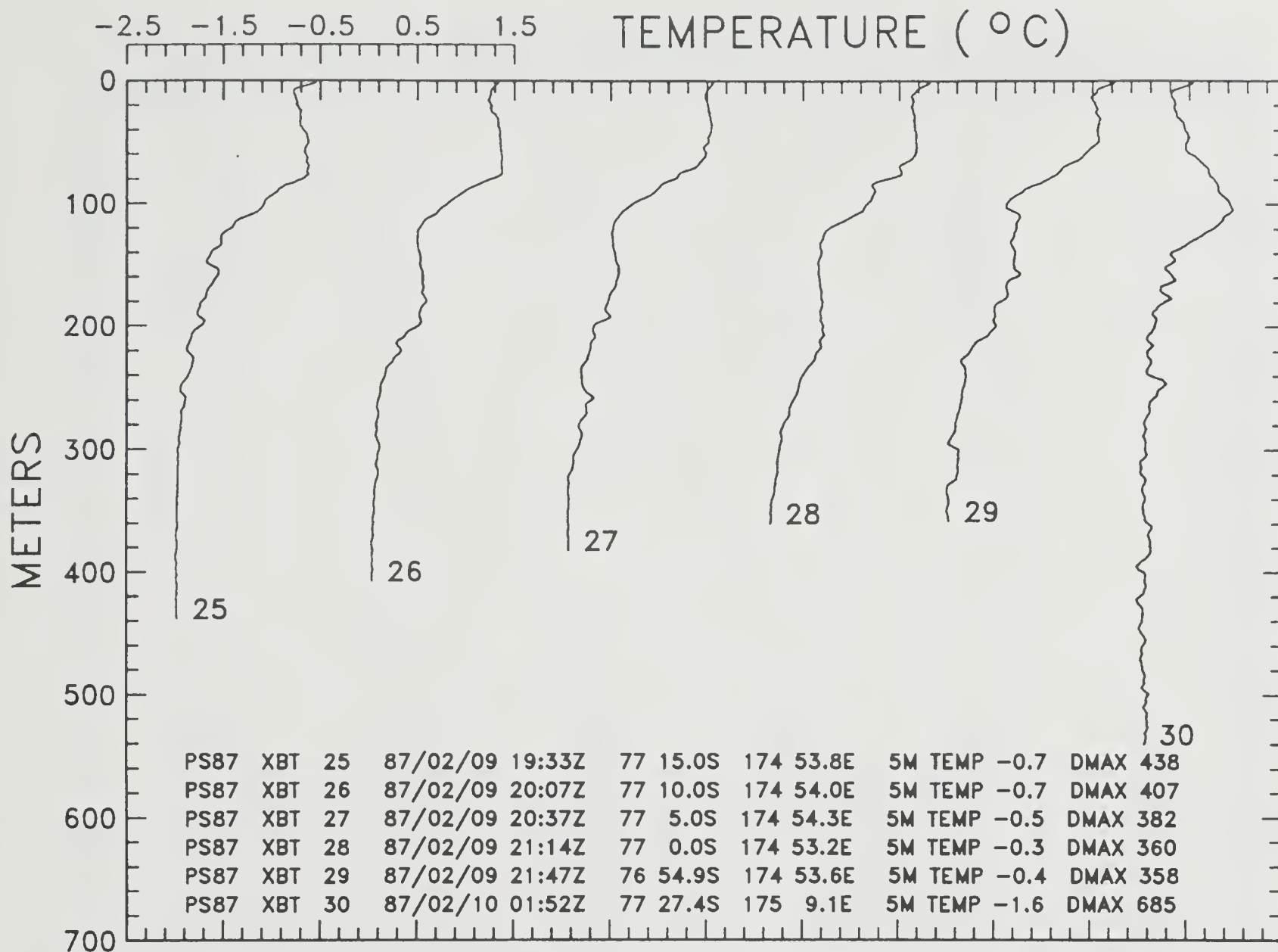


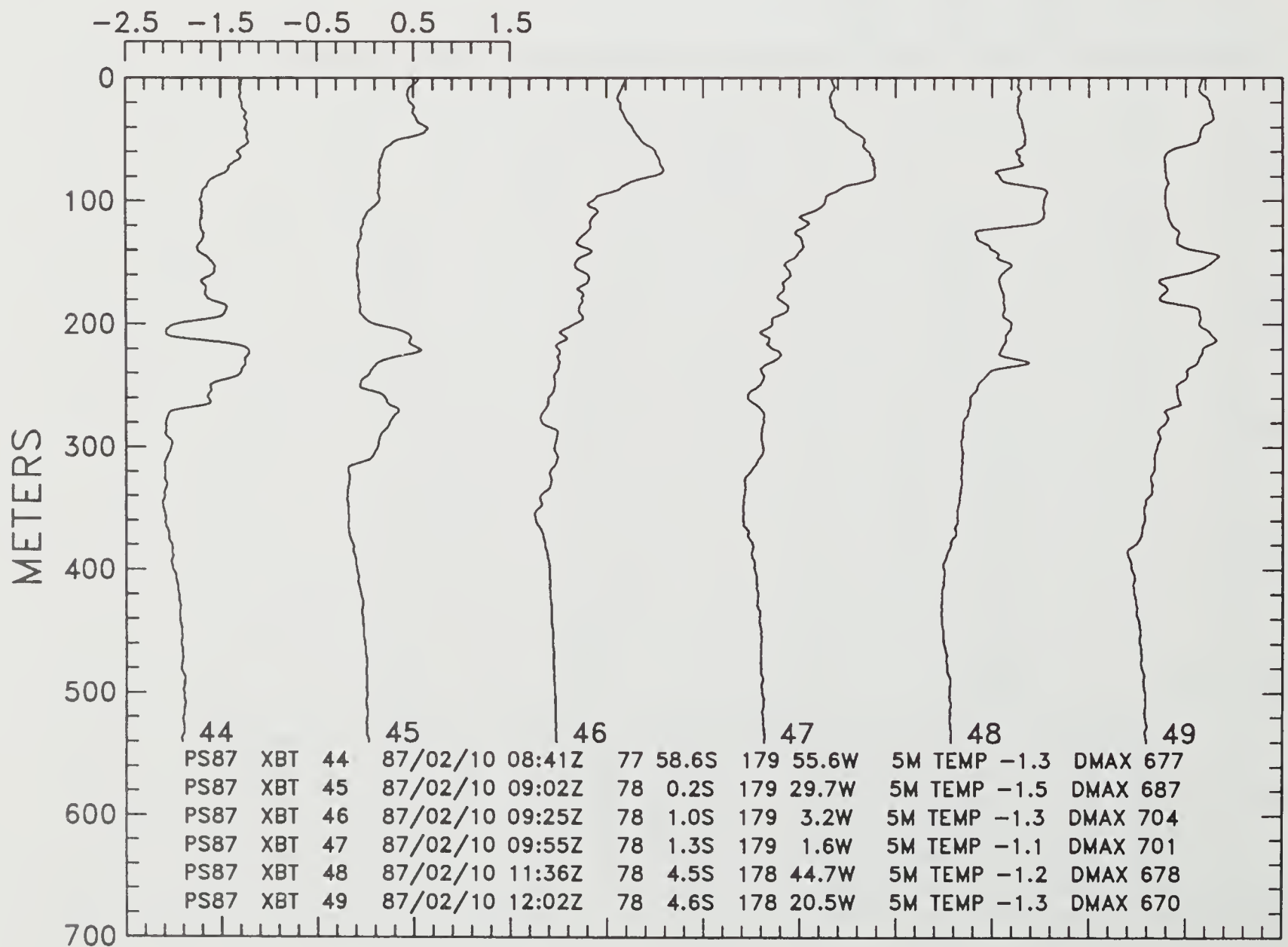
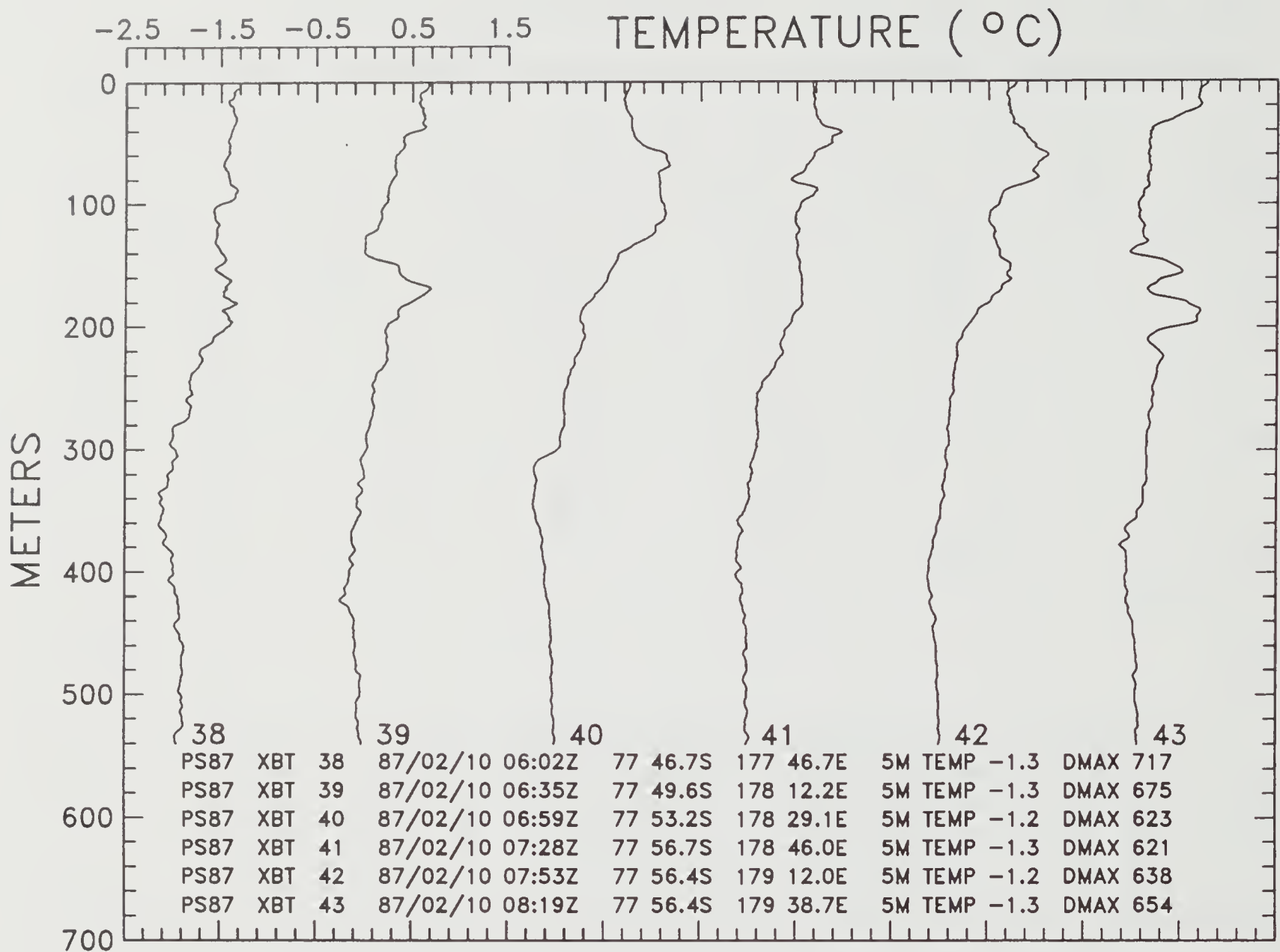


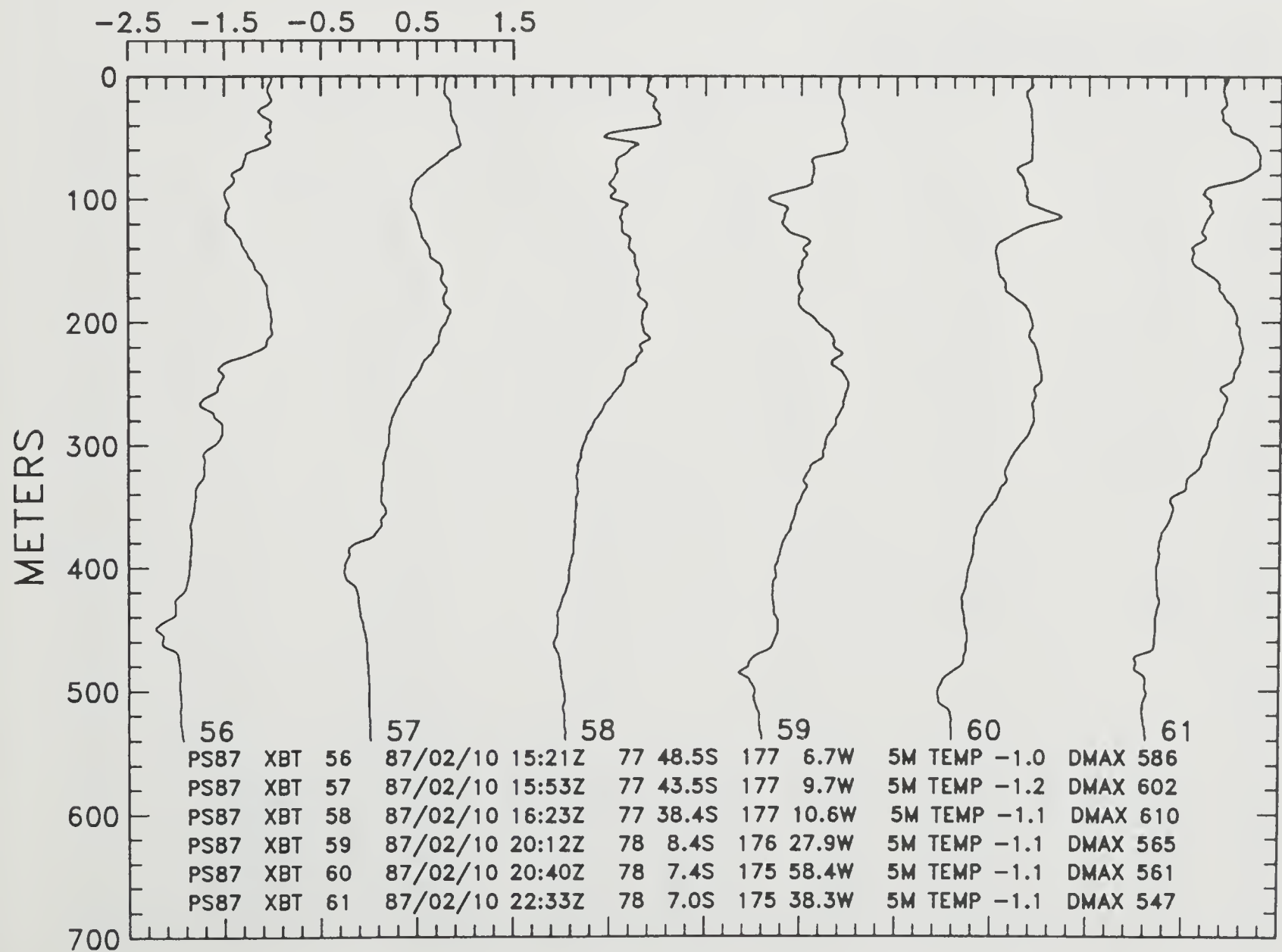
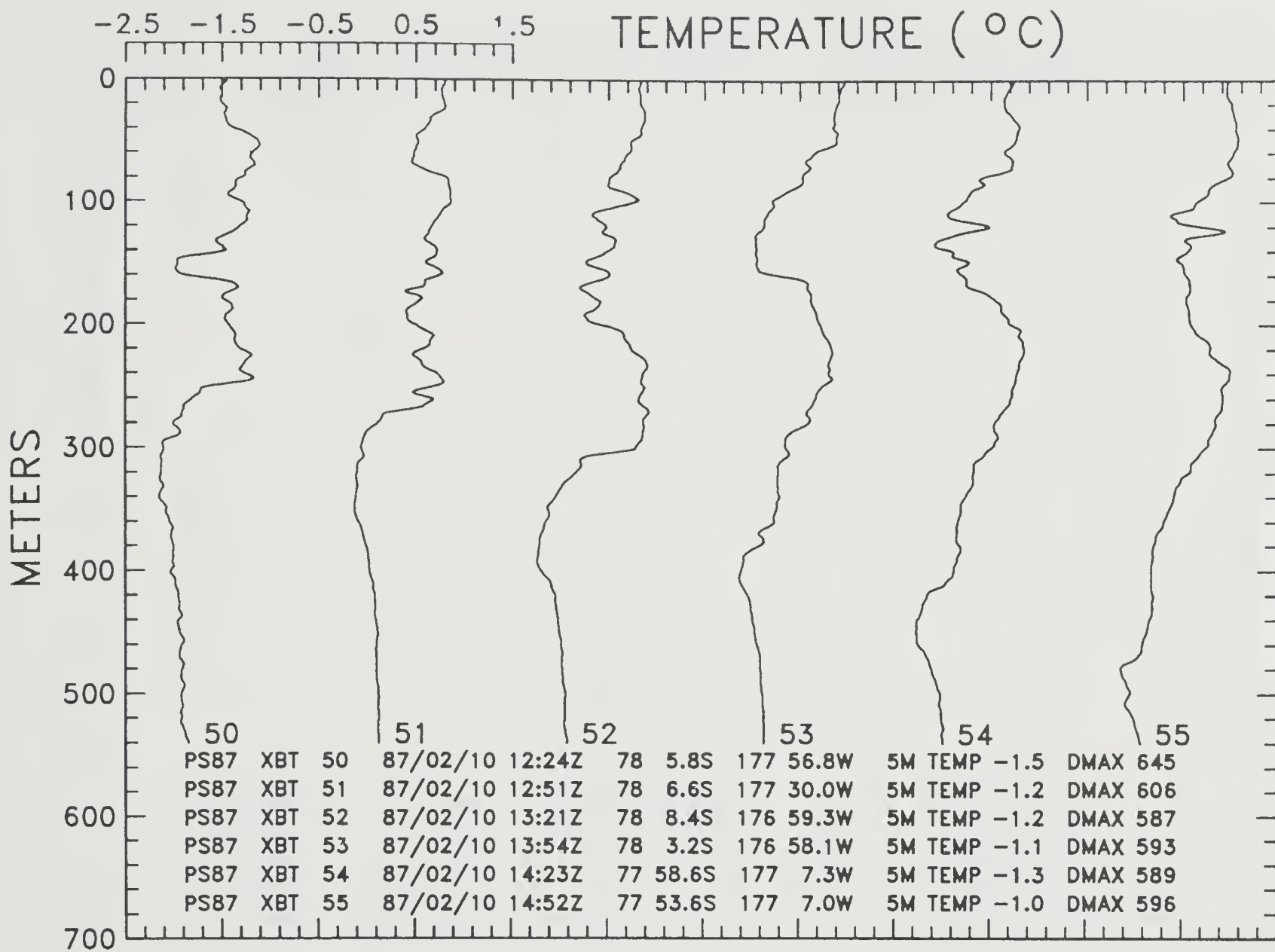


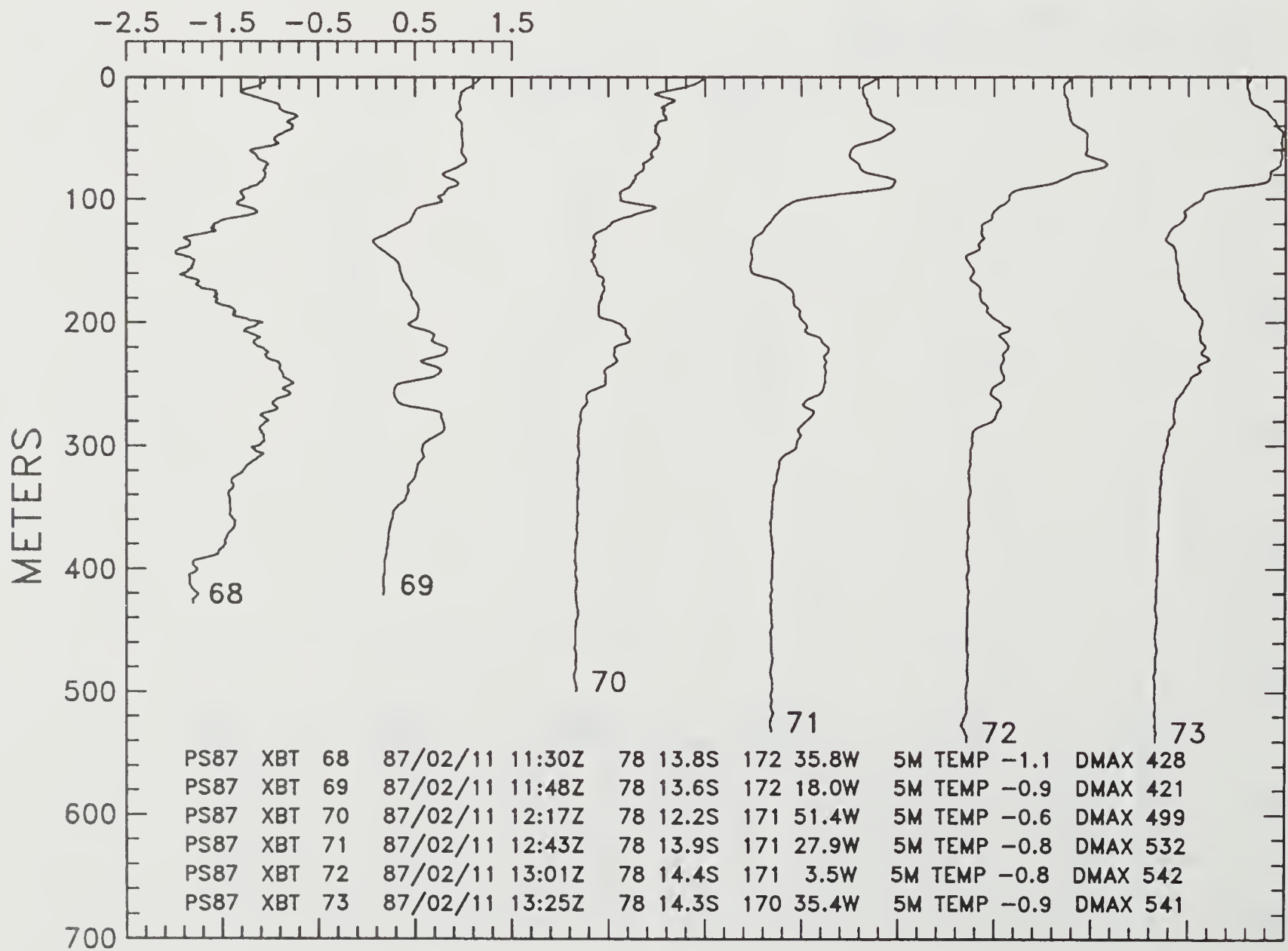
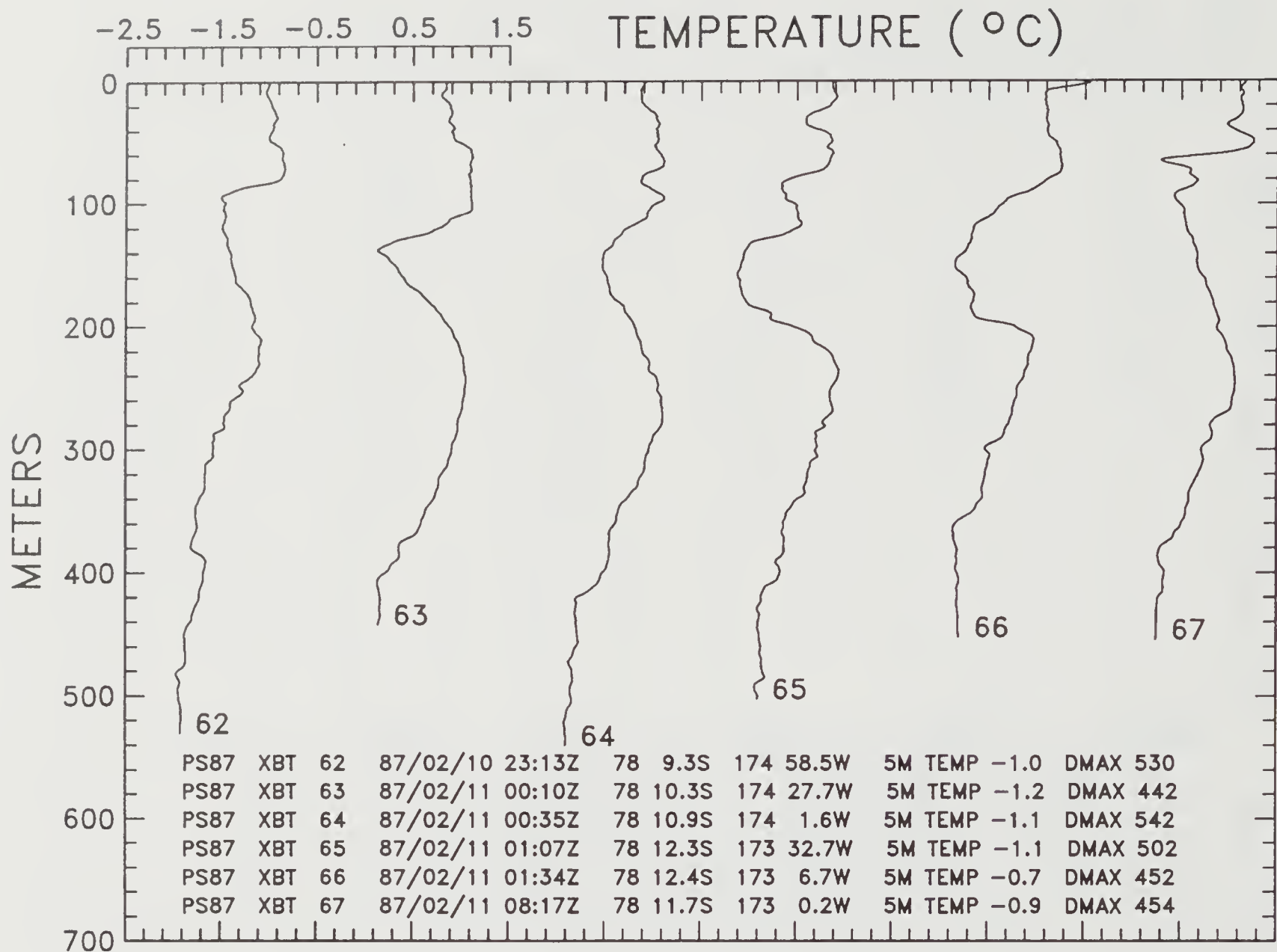


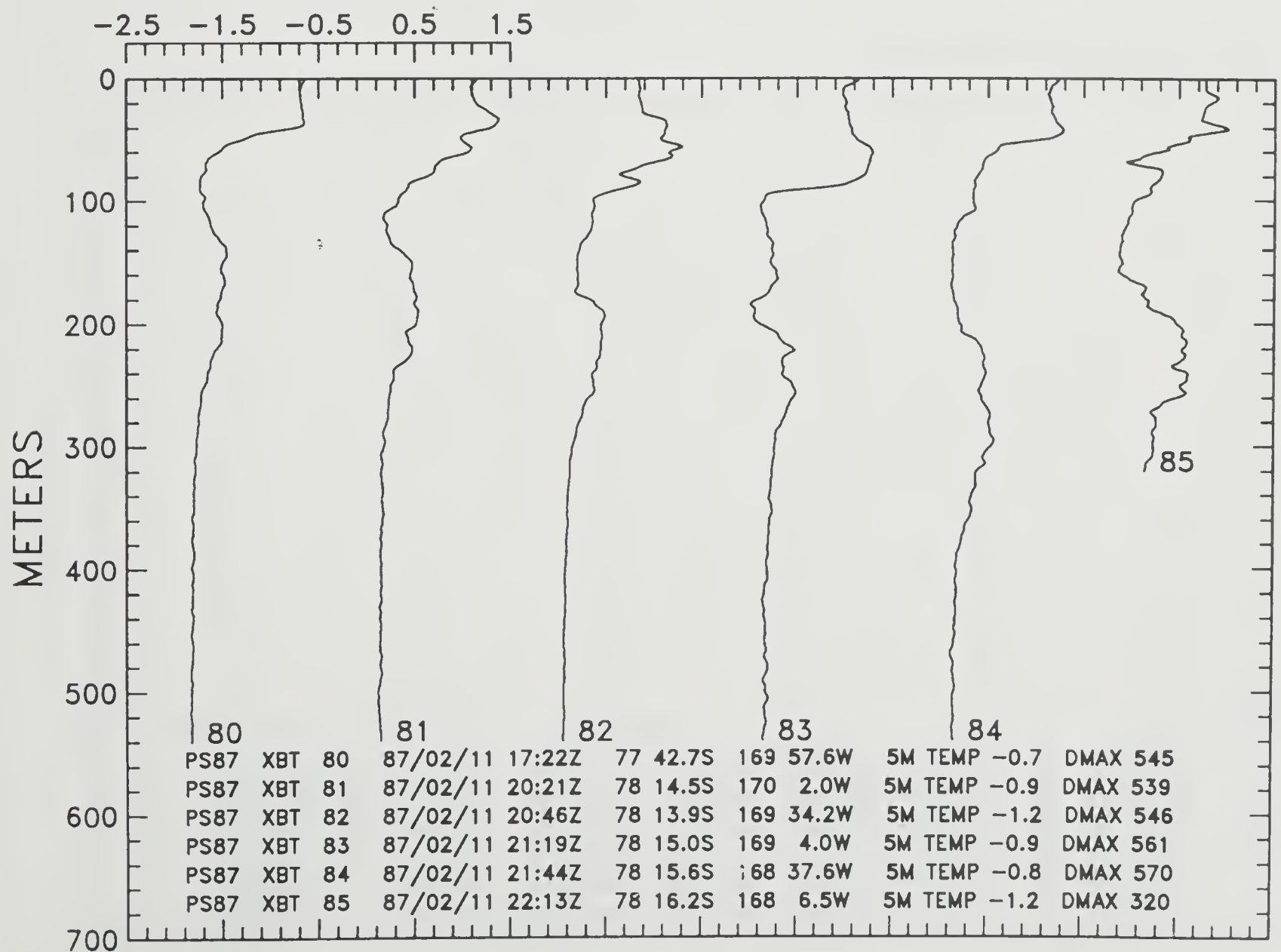
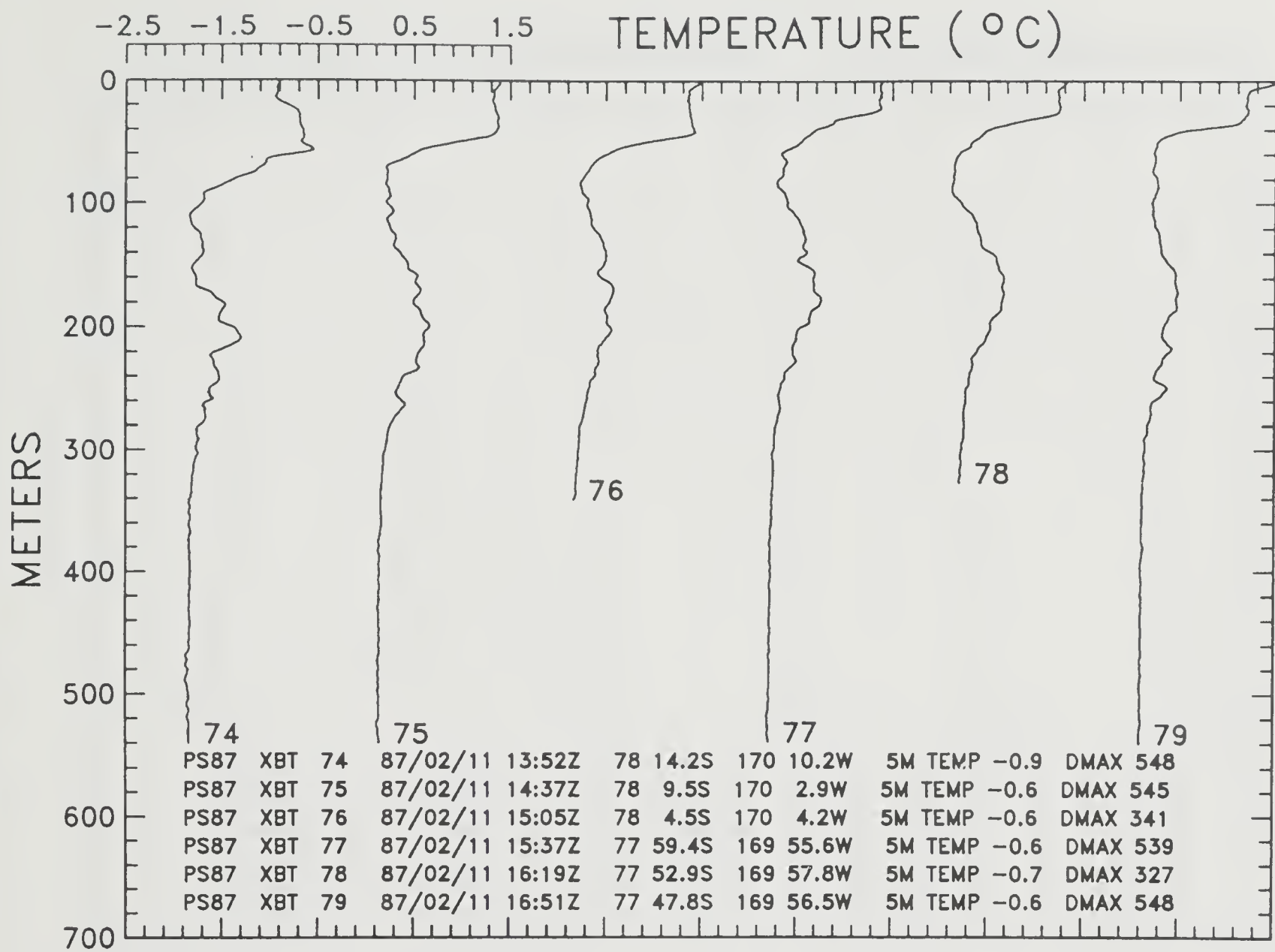


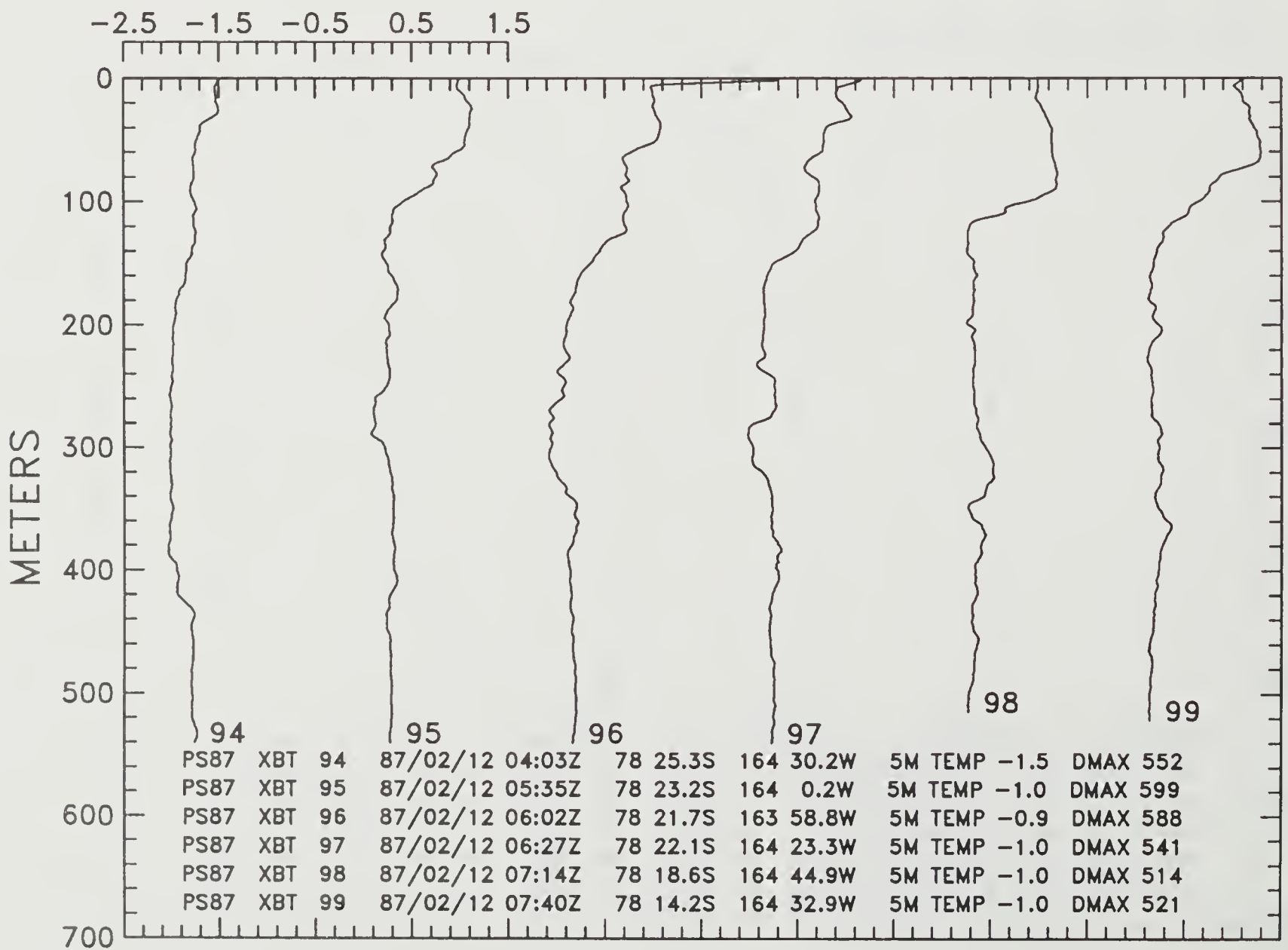
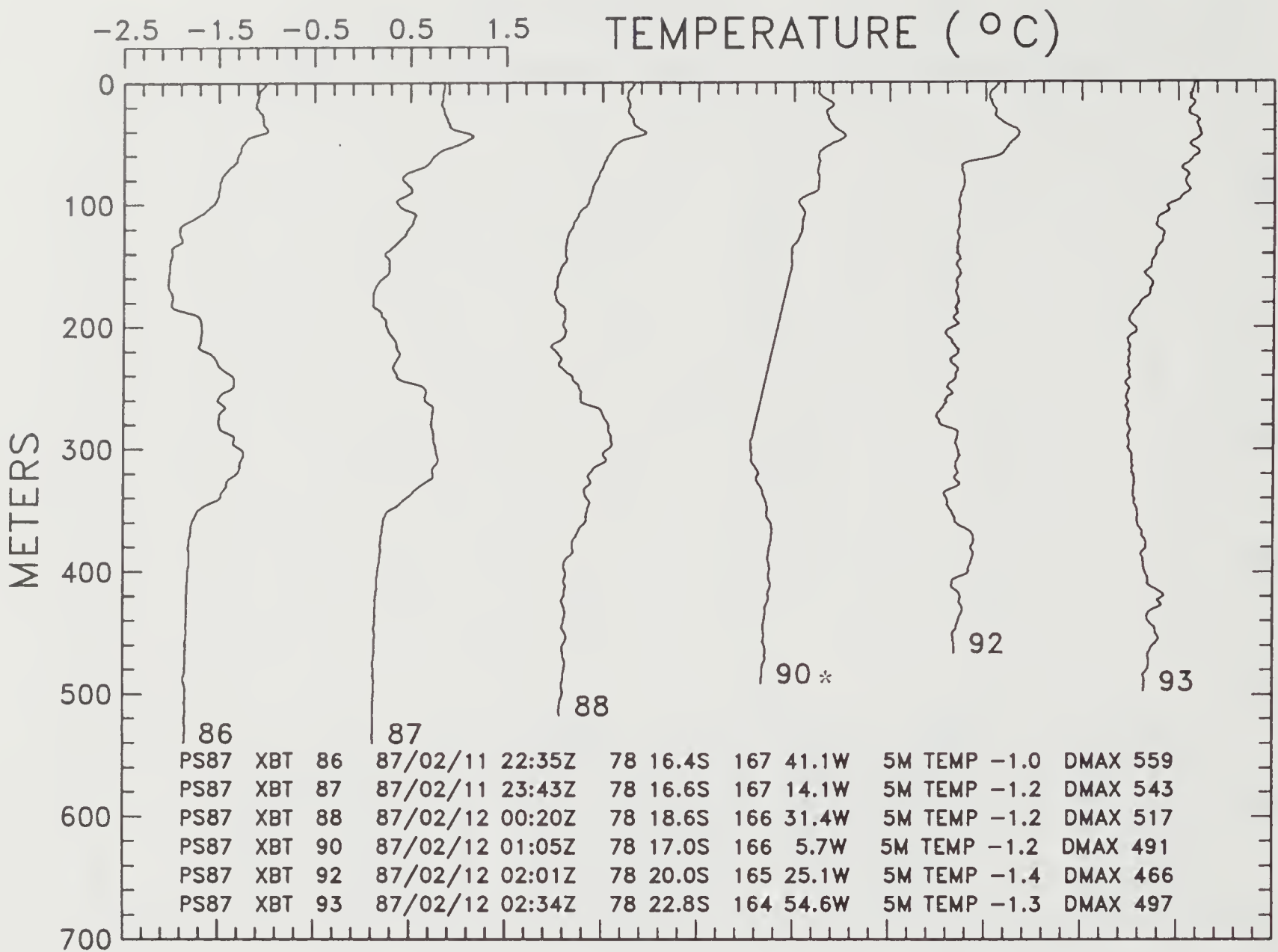


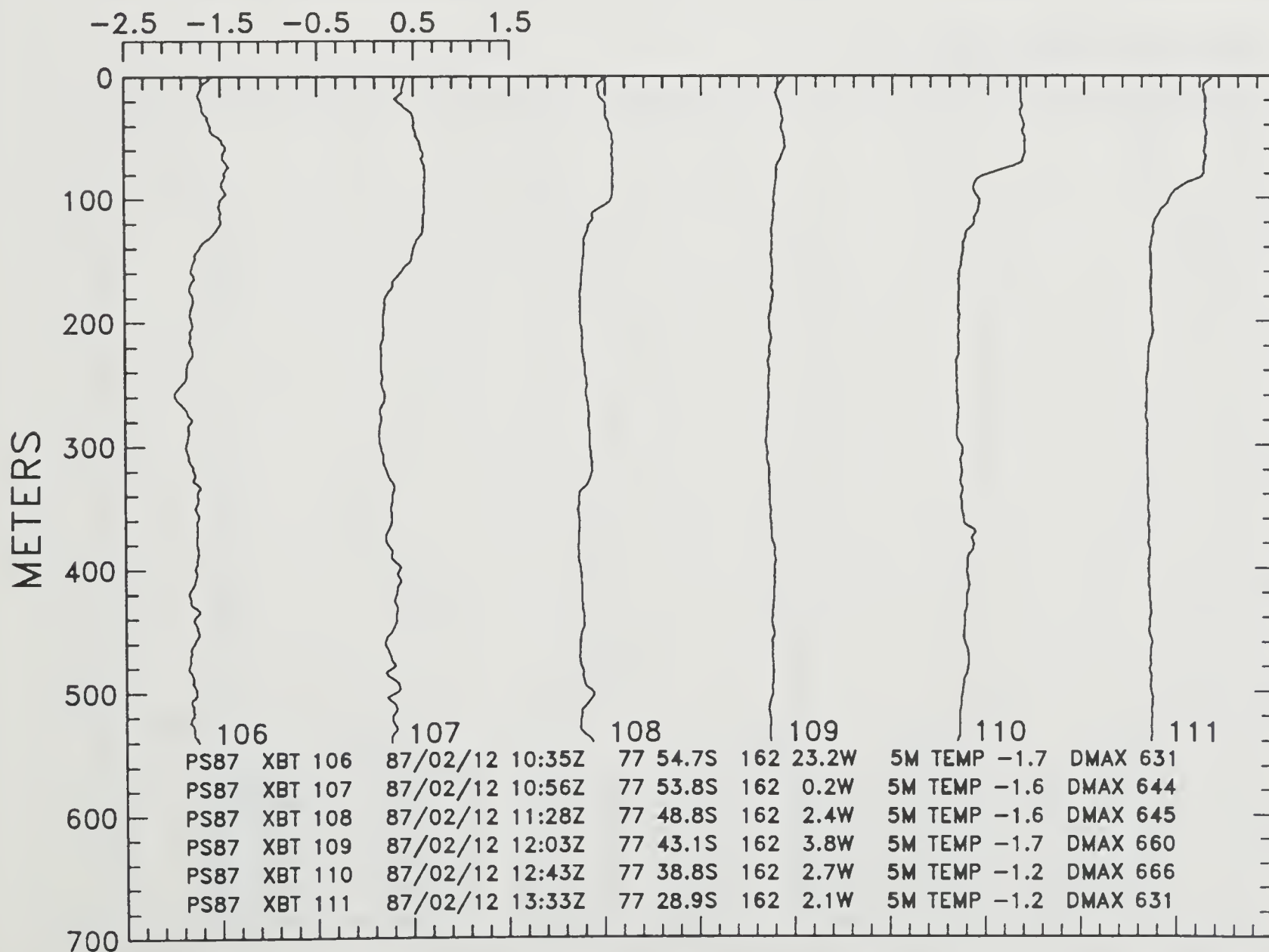
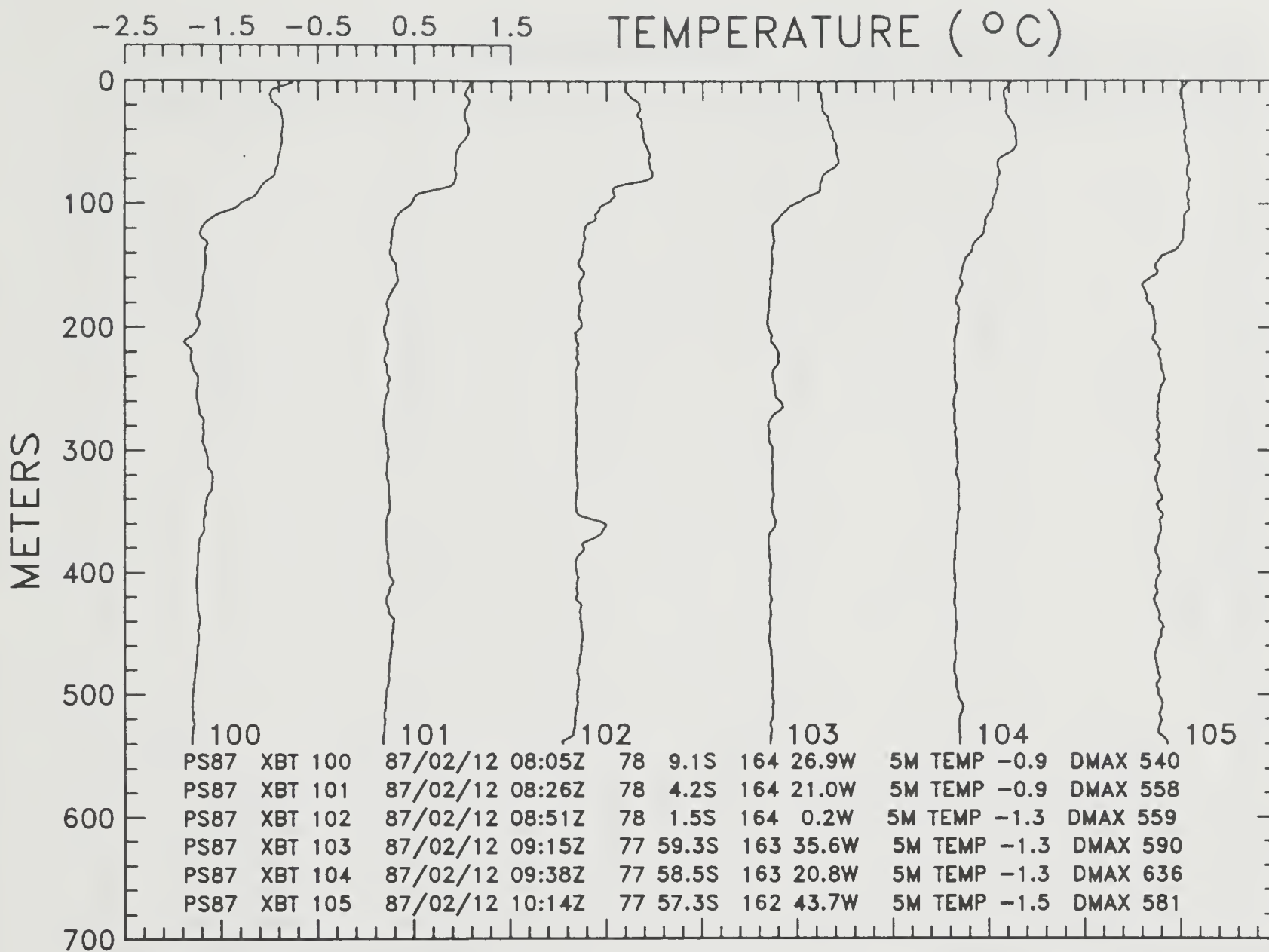


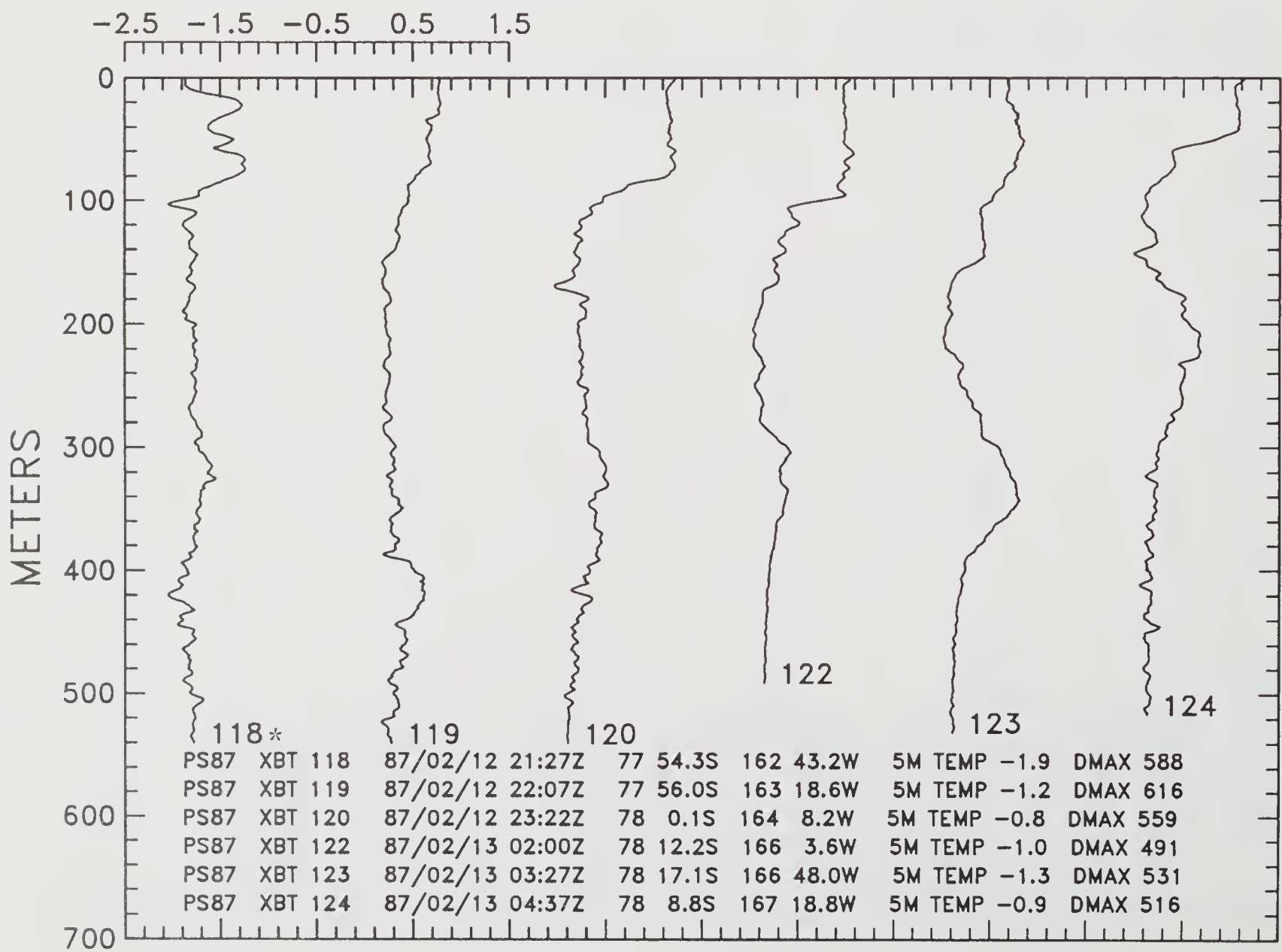
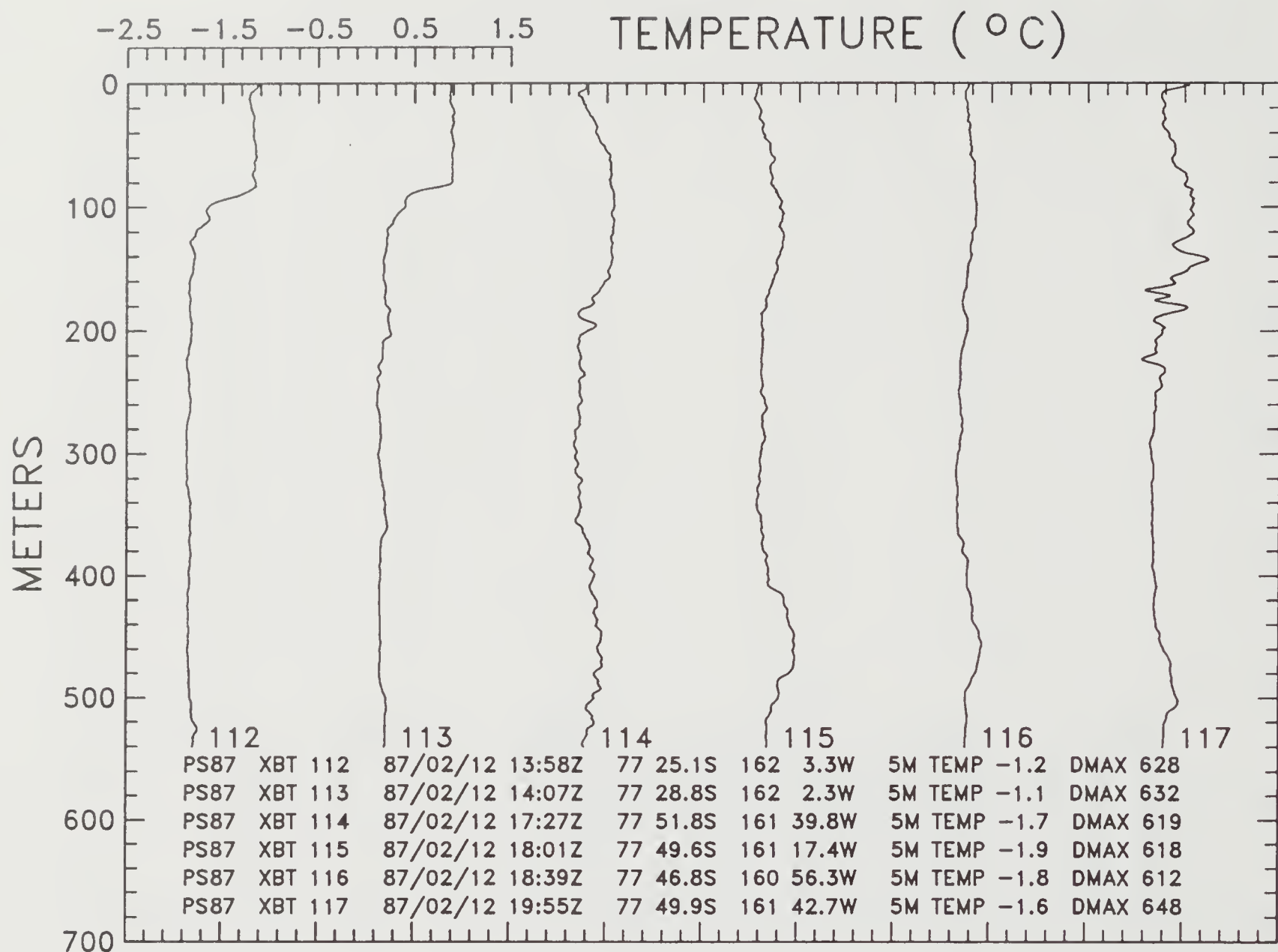


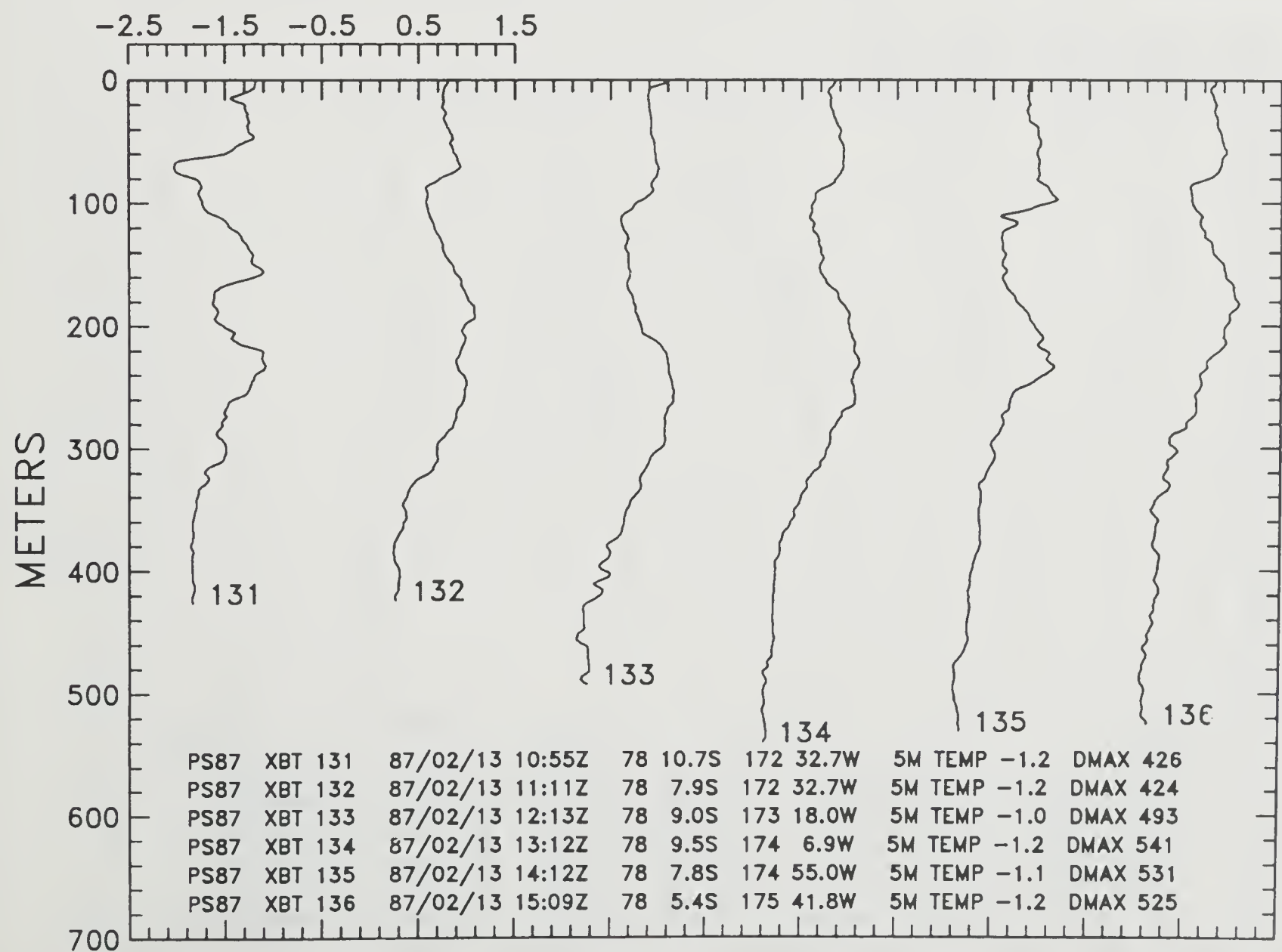
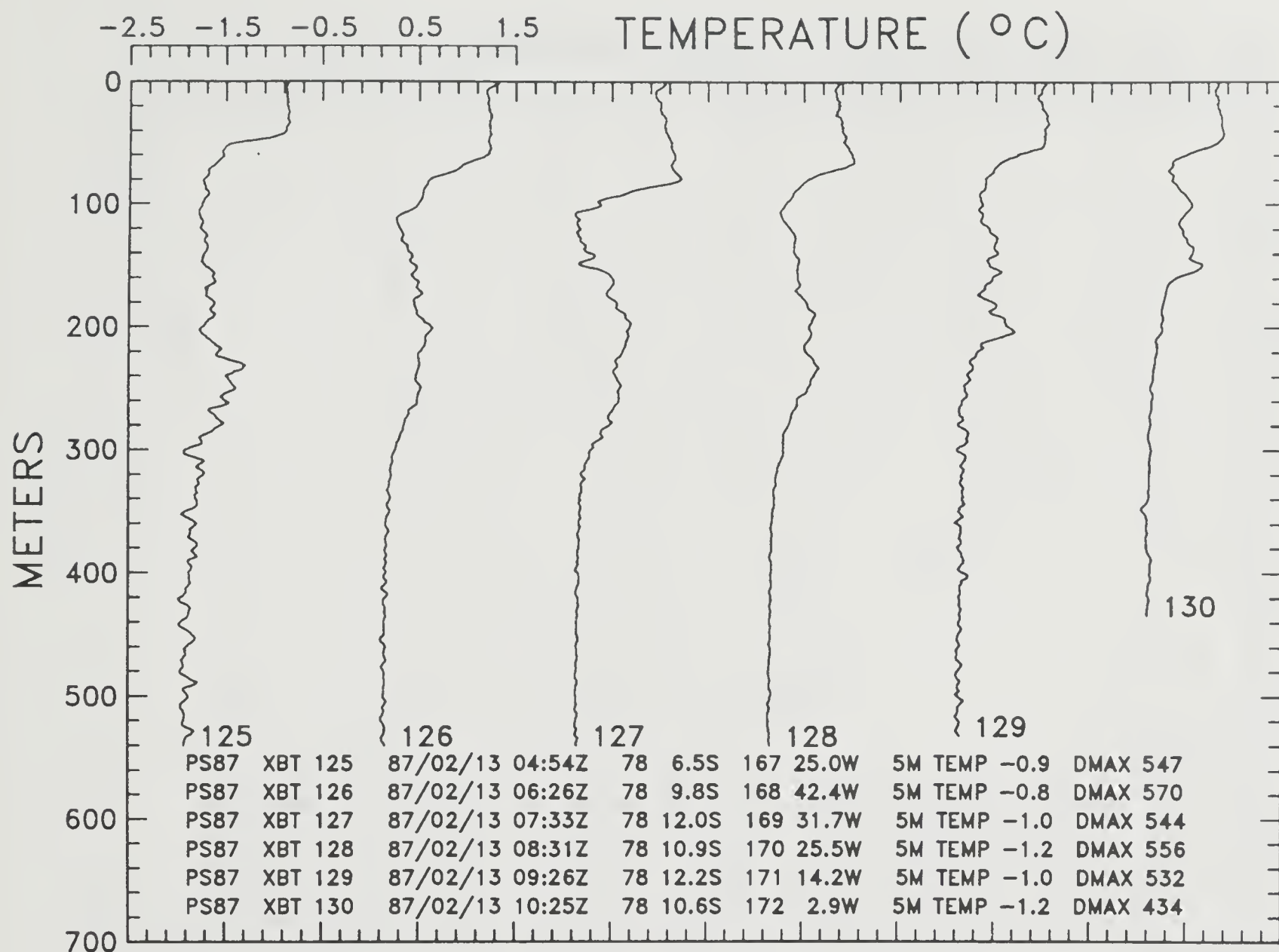


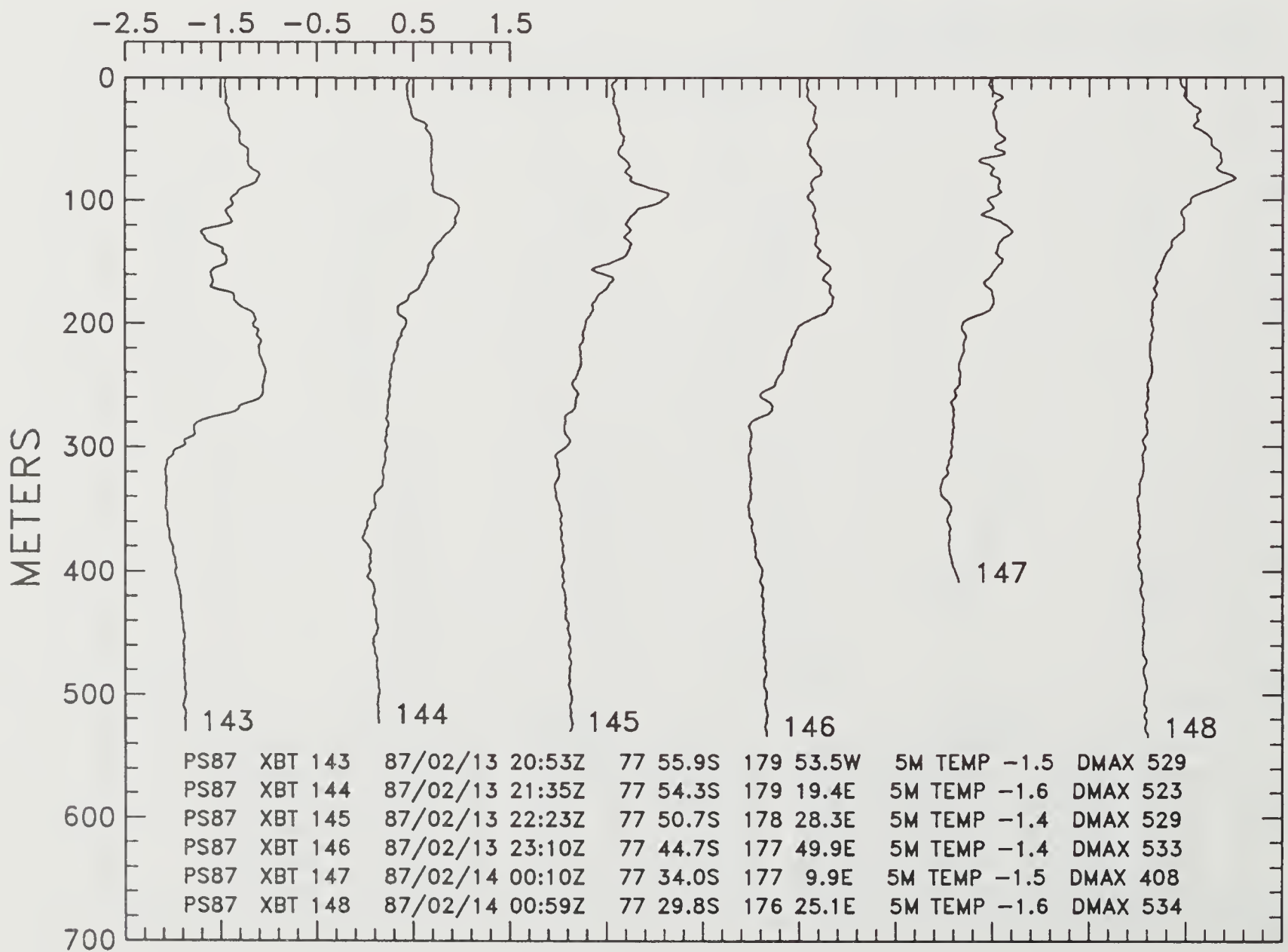
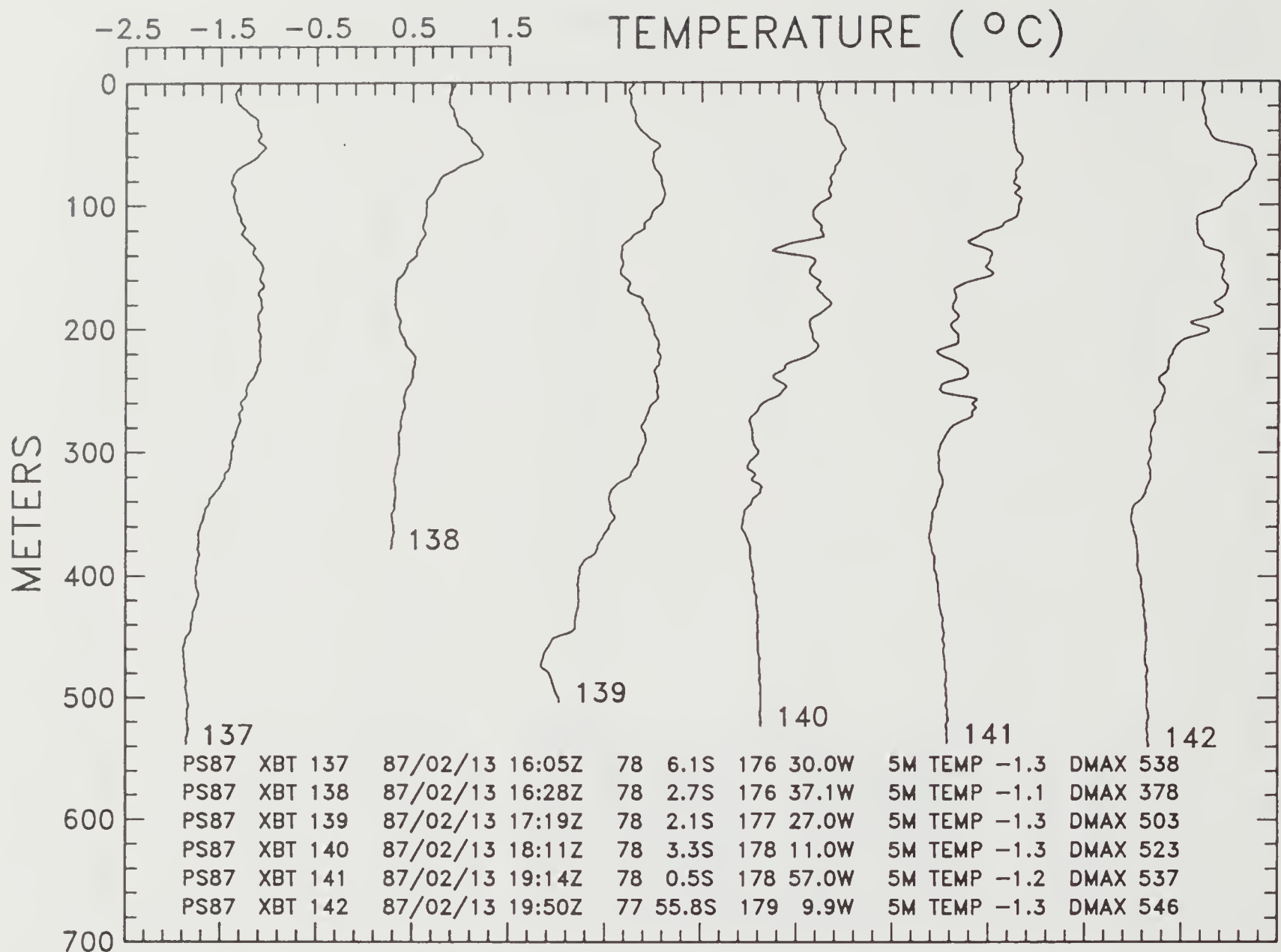


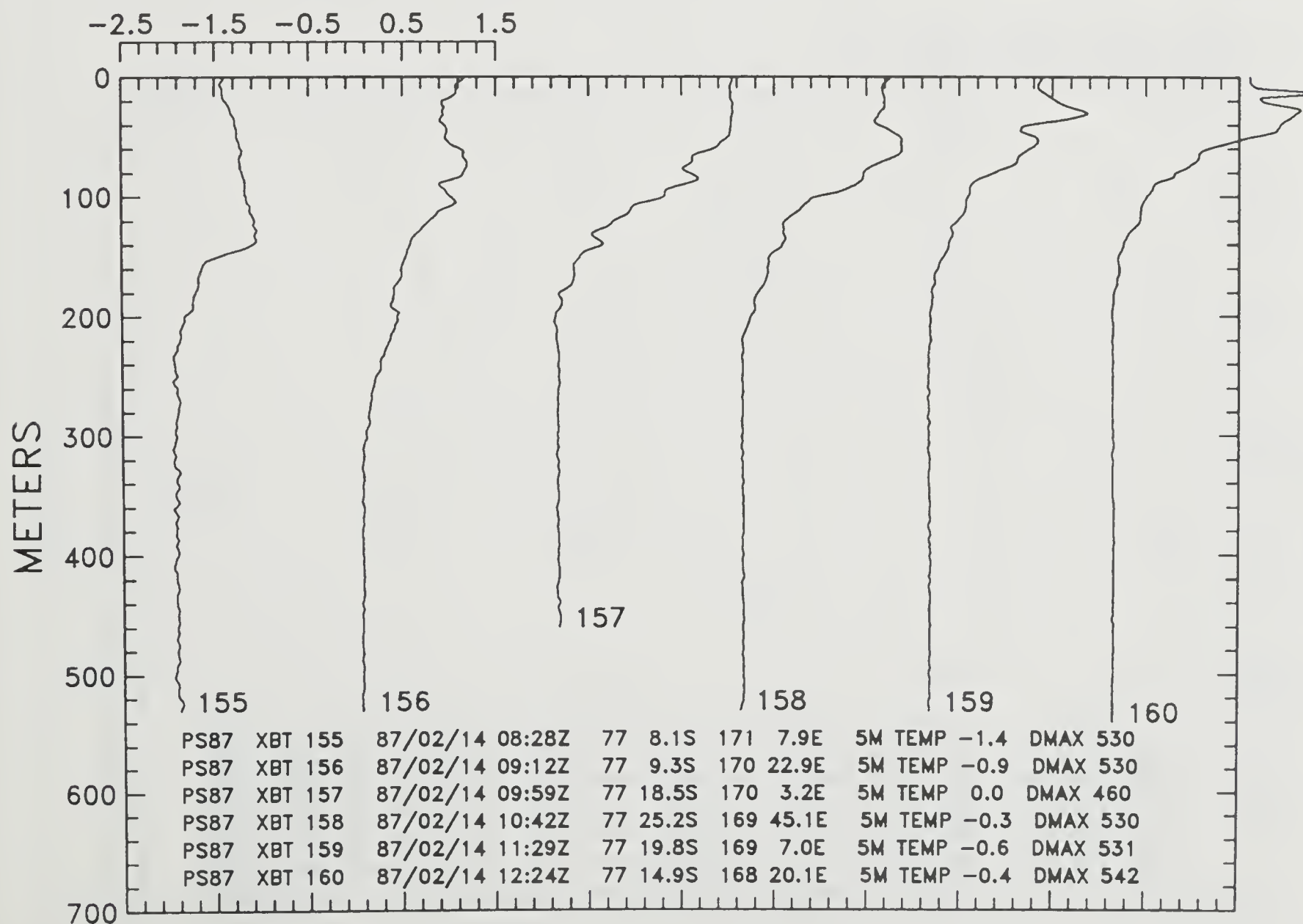
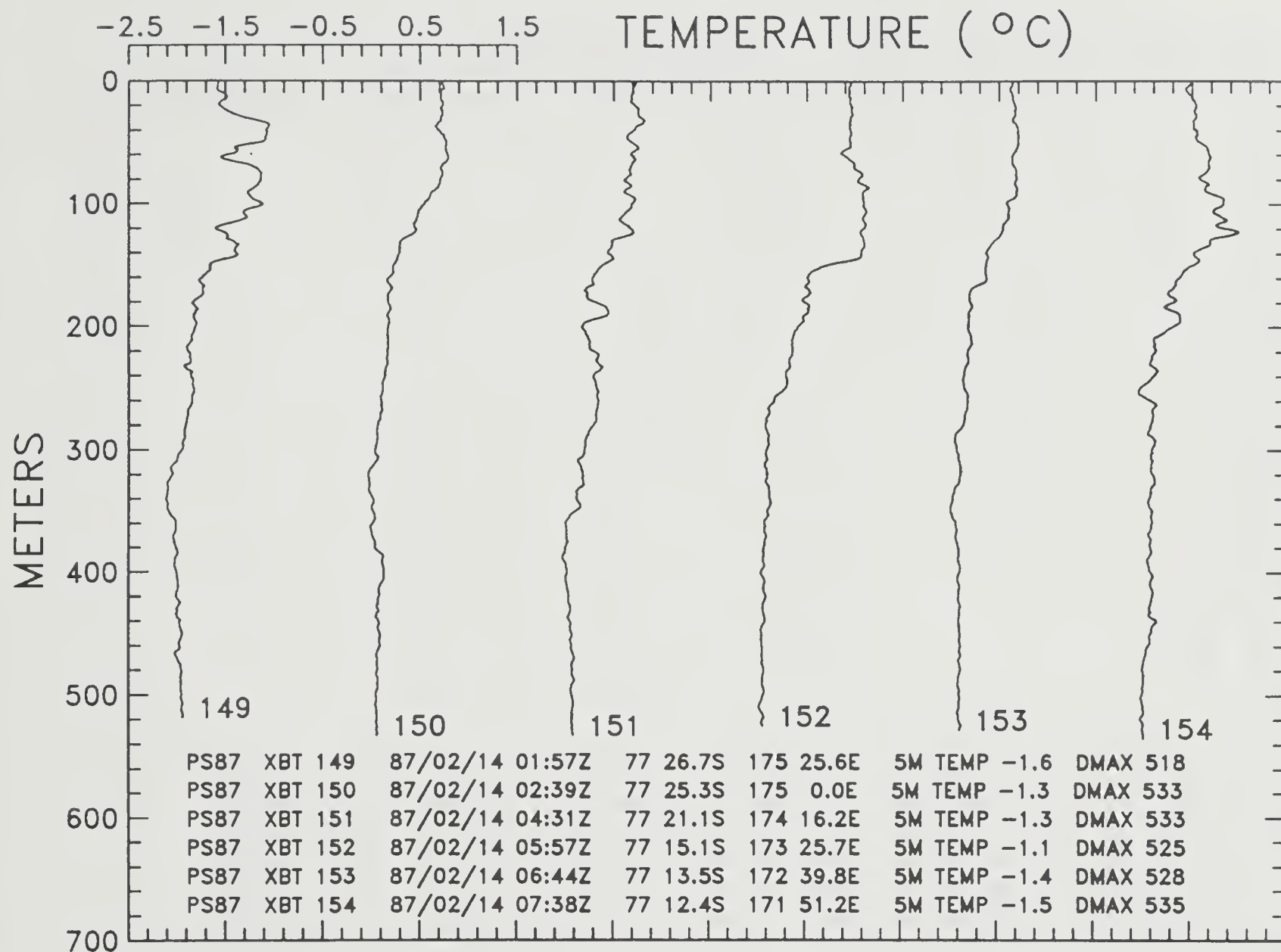


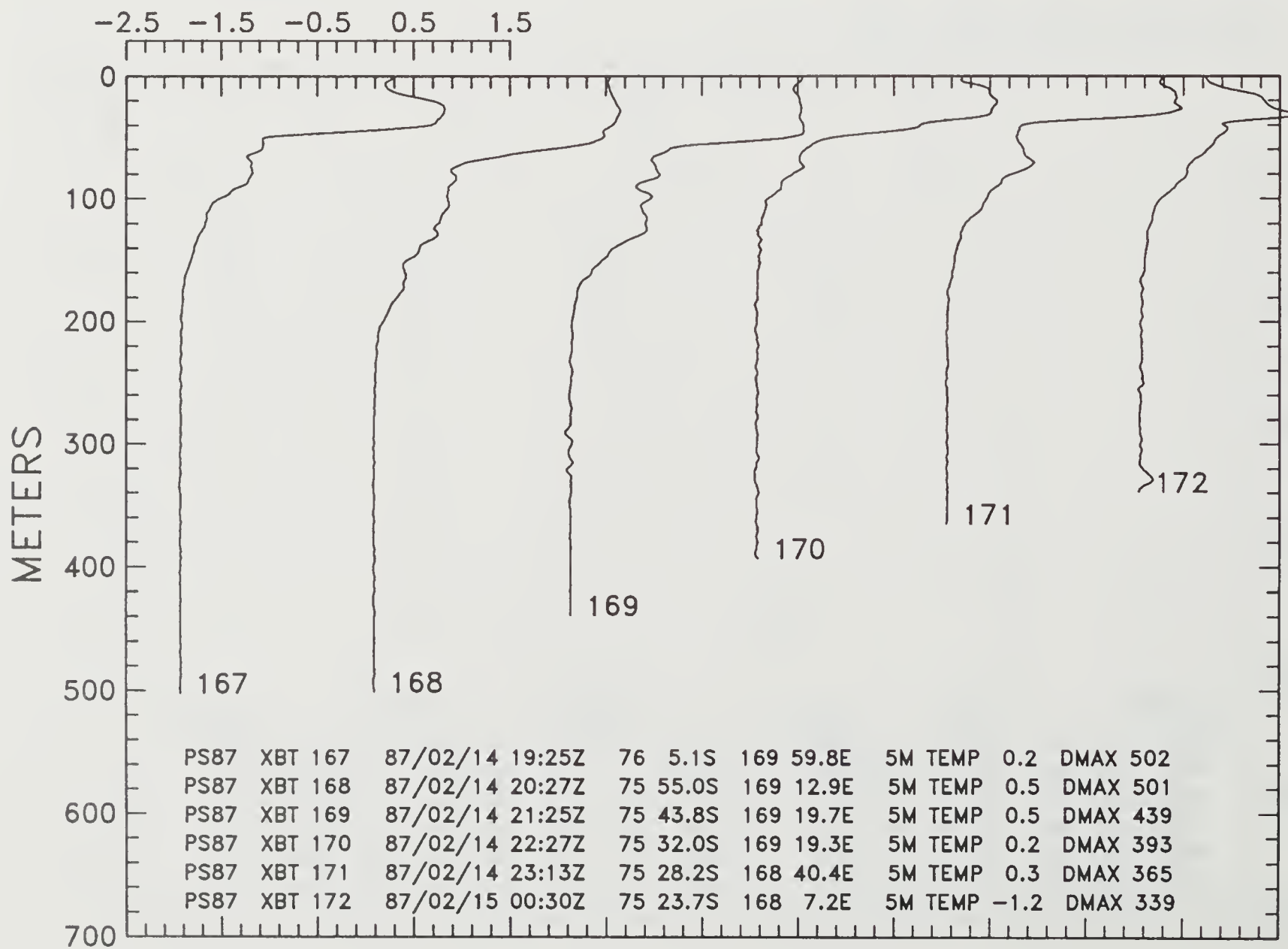
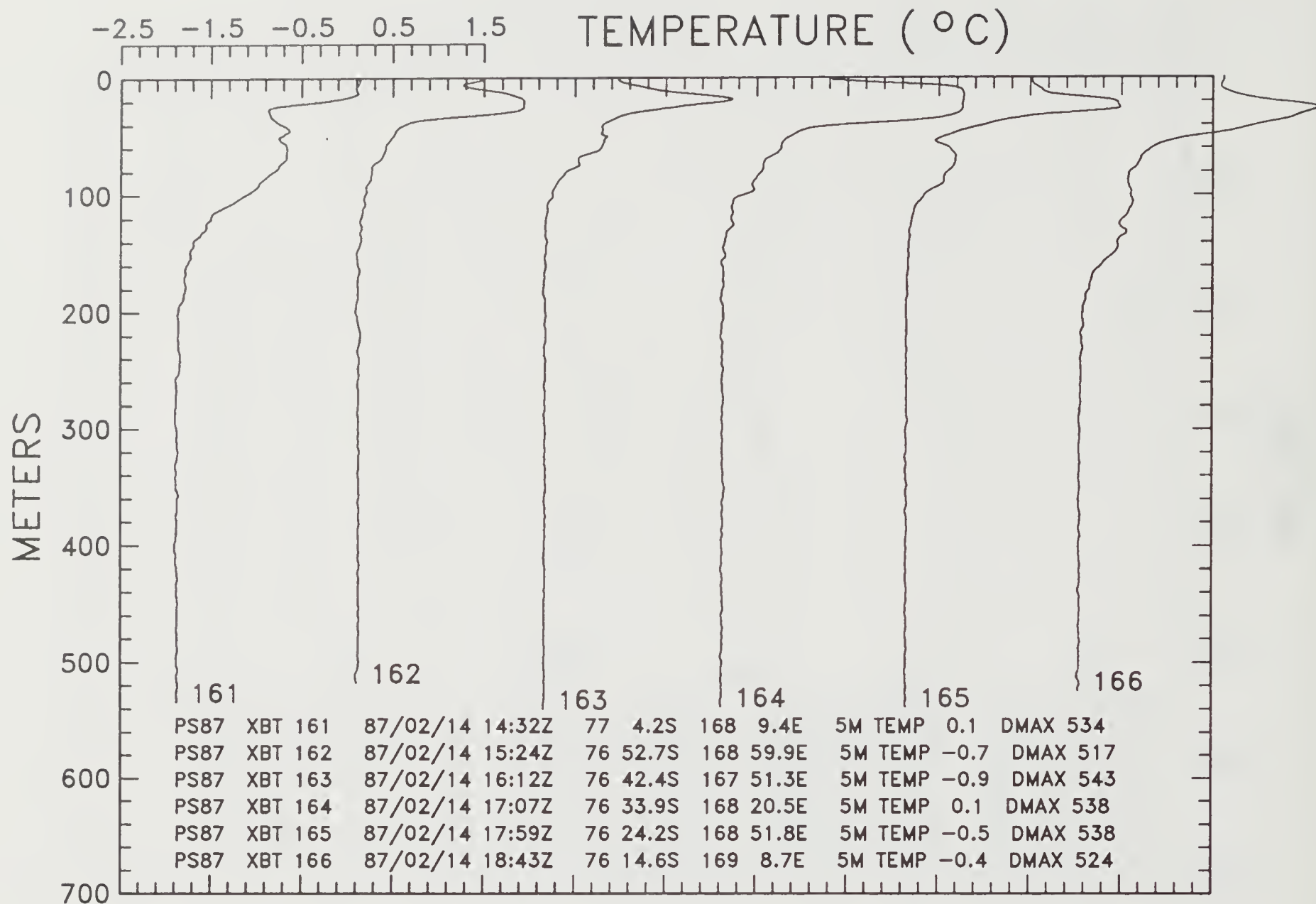


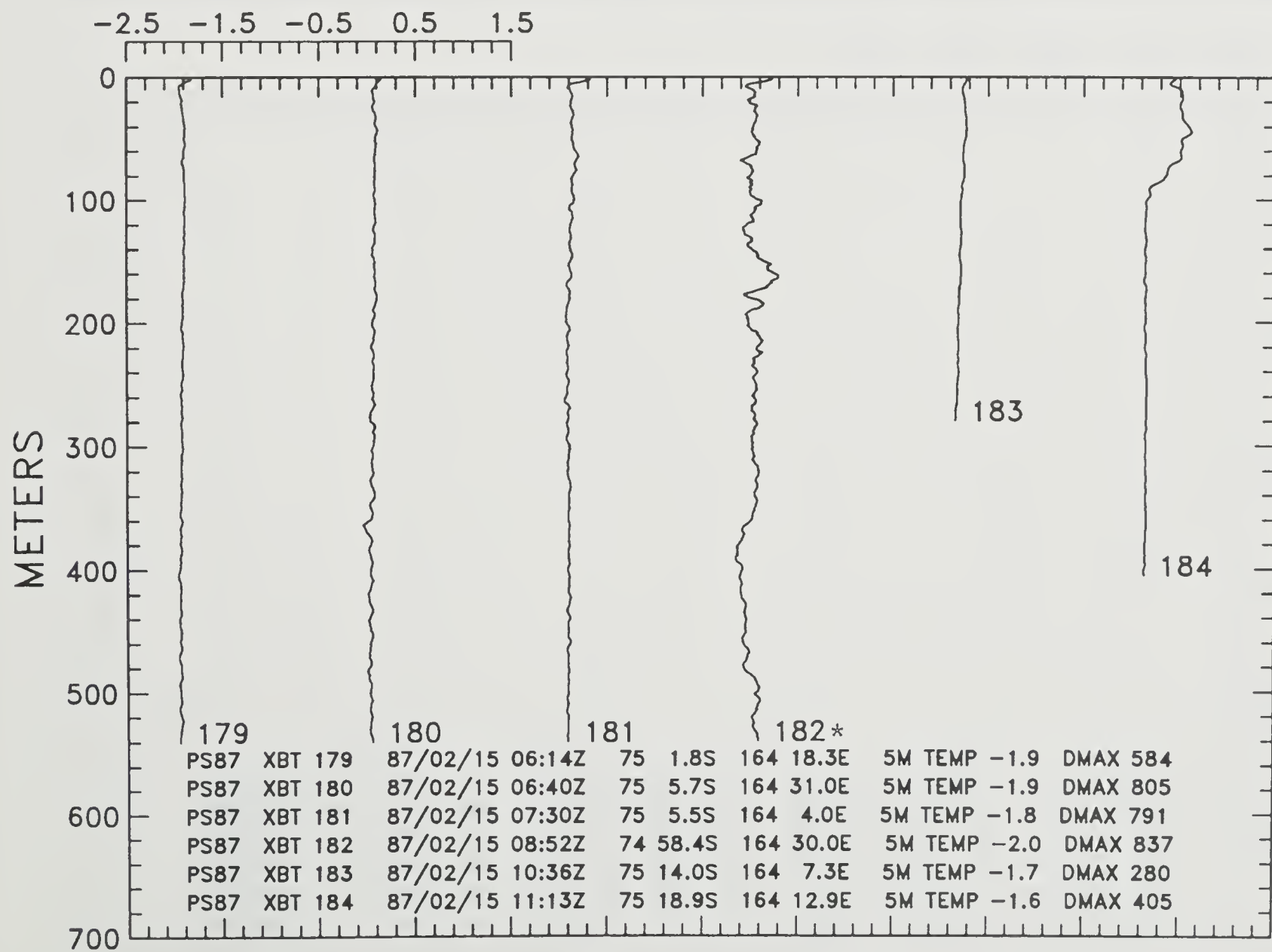
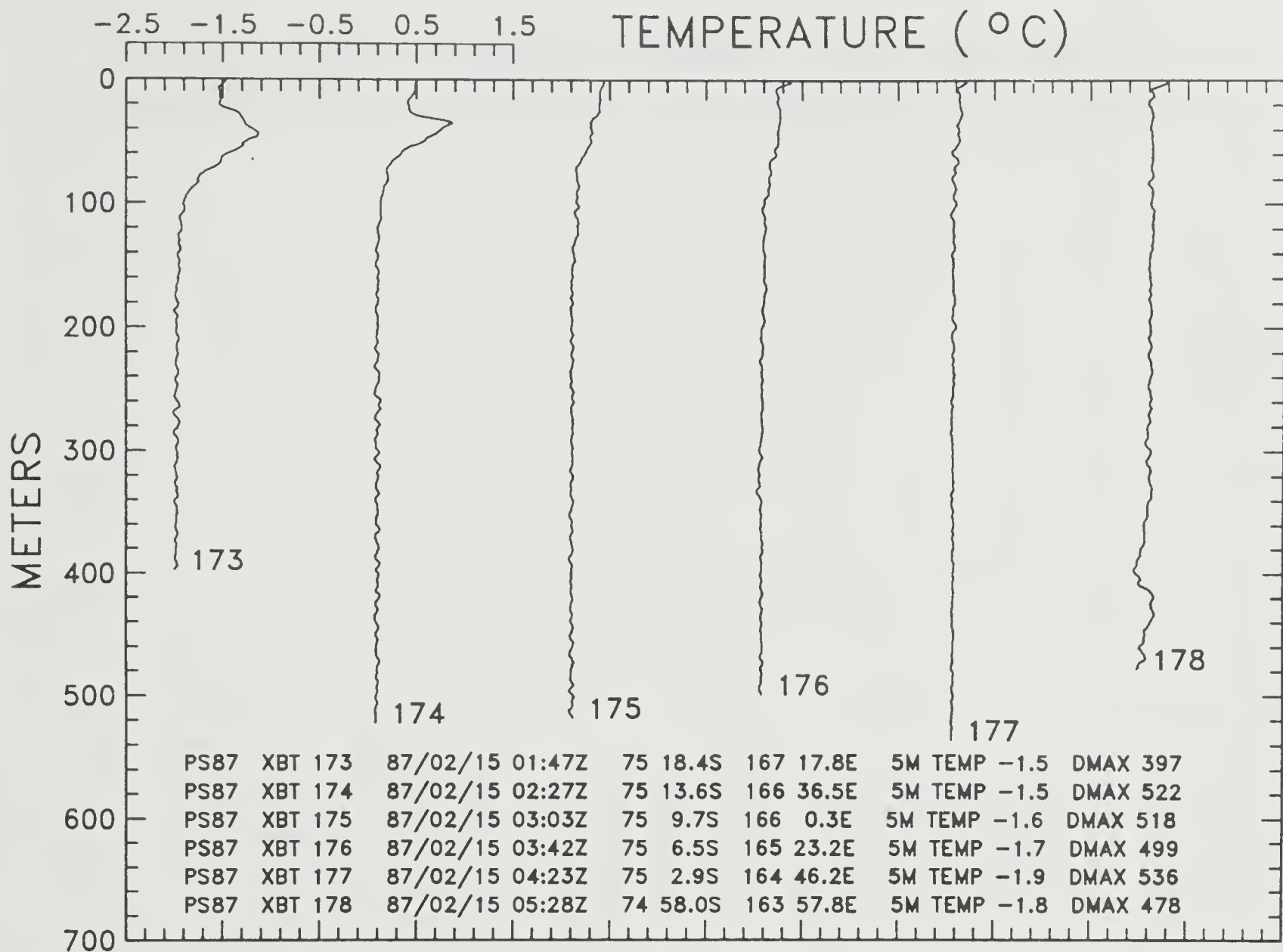


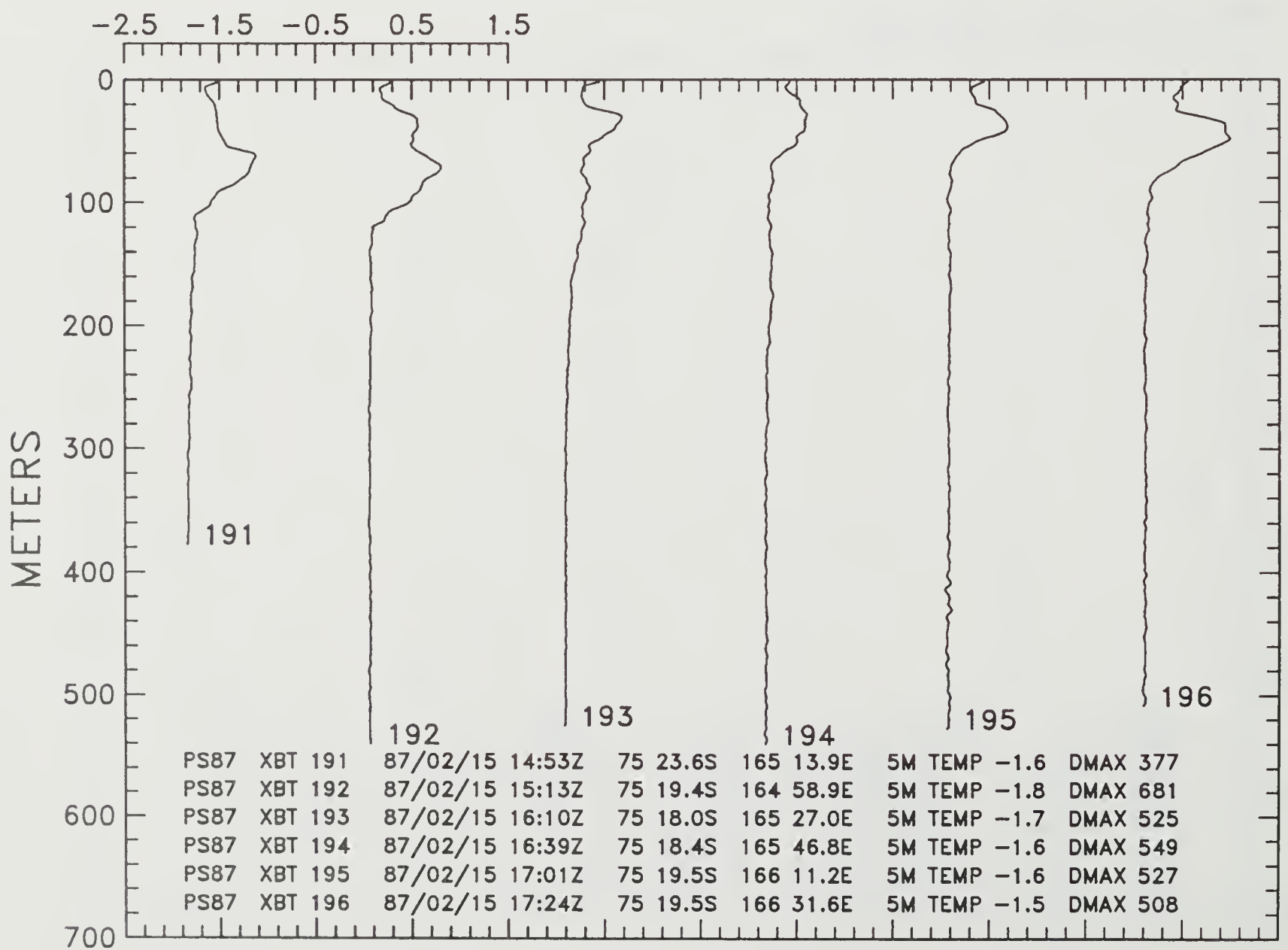
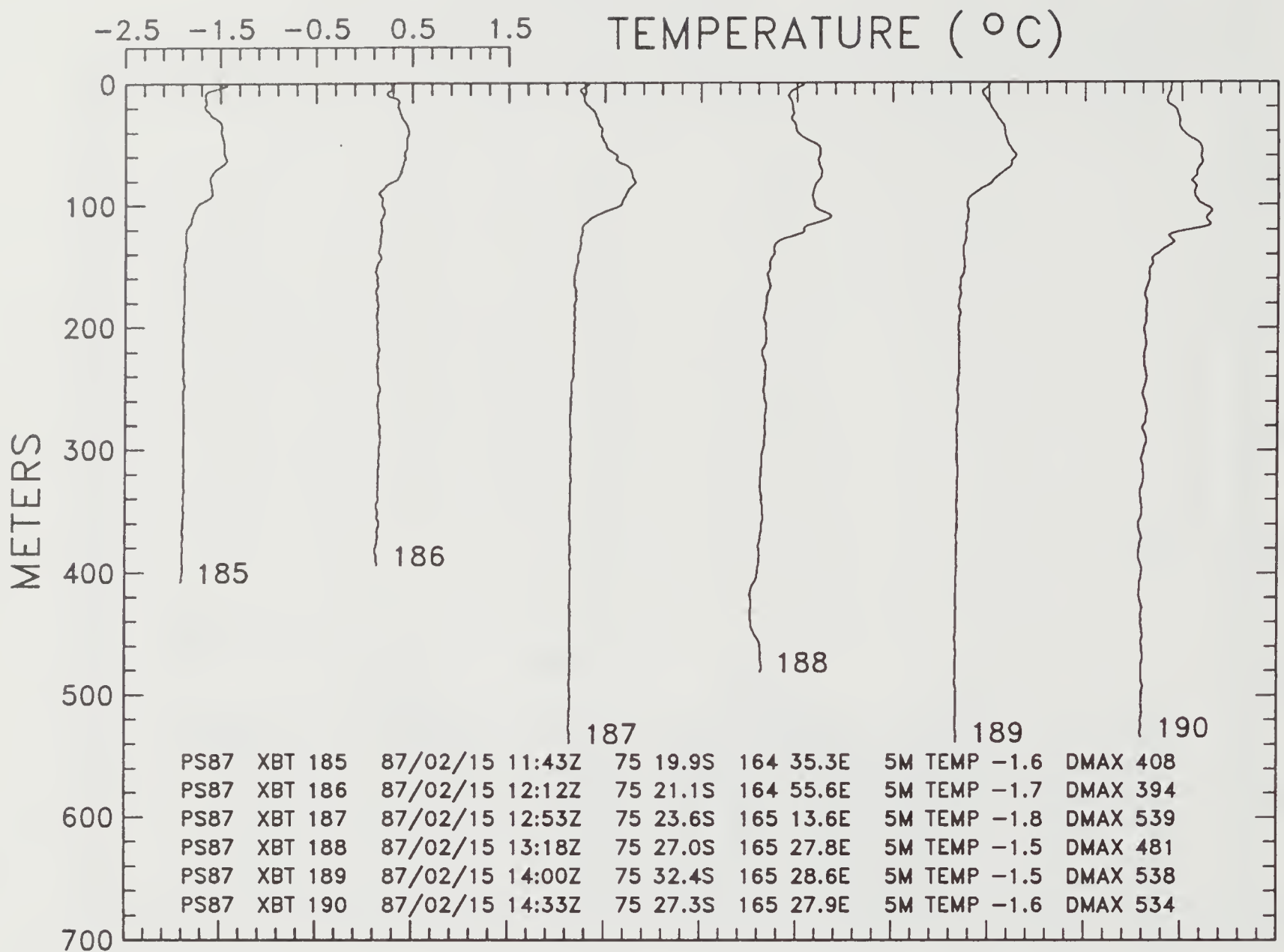


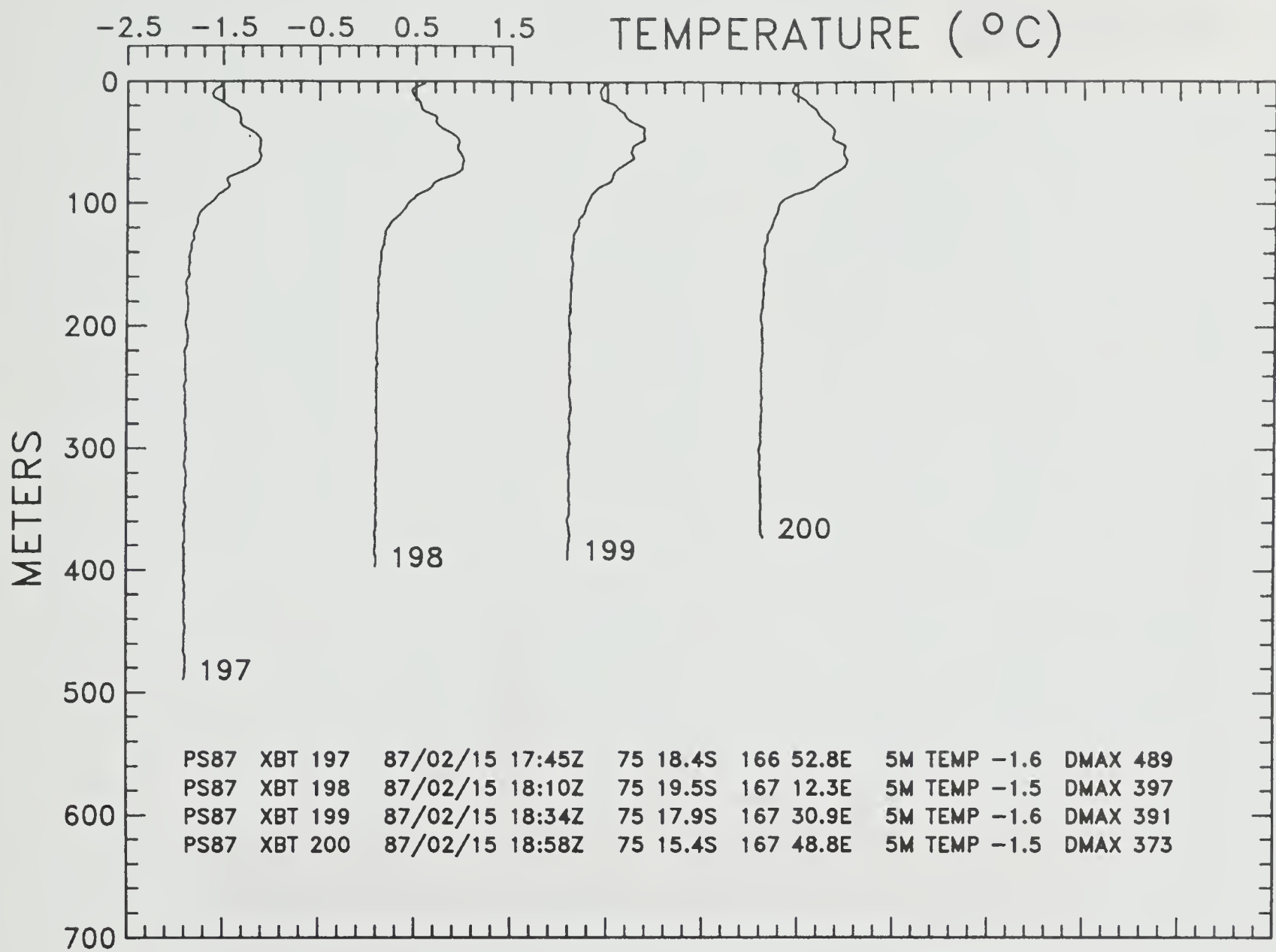


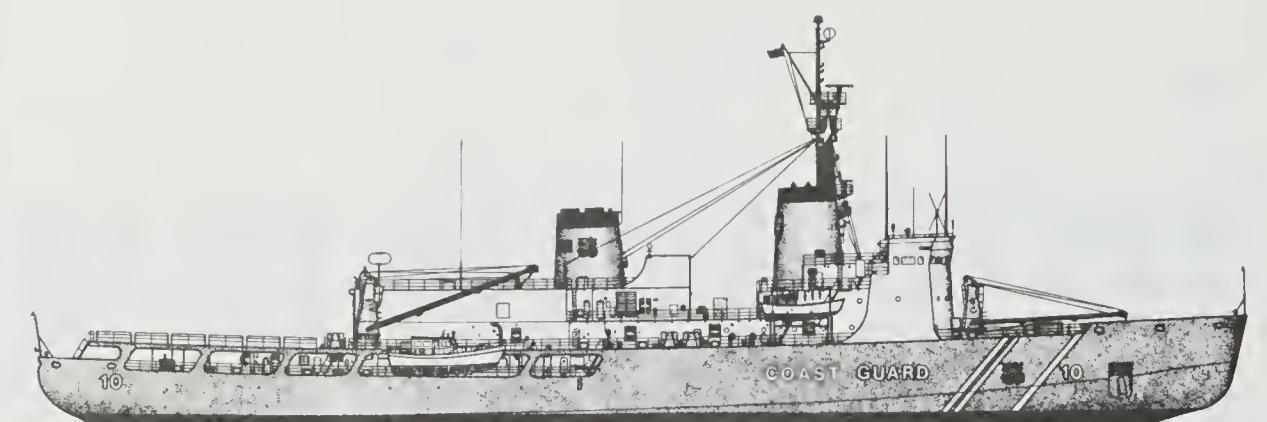












USCGC Polar Star (WAGB-10)

COLUMBIA LIBRARIES OFFSITE



CU90424301

